SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.2 Yellow

[File No.] 103088E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible Serious eye damage/Eye Irritation : Classification not possible Respiratory sensitizer Classification not possible Skin sensitizer Classification not possible Germ cell mutagenicity : Classification not possible Classification not possible Carcinogenicity Toxic to reproduction Classification not possible Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) : Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

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7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Yellow State : Liquid

Odor : No information available.

pH : about4.9

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

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Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

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12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.80 Mauve

[File No.] 103118E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.
[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible
Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category1
Toxic to reproduction : Category1

Specific target organ systemic toxicity(single exposure) : Classification not possible
Specific target organ systemic toxicity(repeated exposure) : Classification not possible
Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

103118E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/03/07

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]

Mixture [Component parts]

[Chemical nature] Cas No. Chemical name

Ink[Ink quantity of product :about 1.0g] Concentration range(wt%)

7732-18-5 50-80

Water < 10 Glycerine 56-81-5

4. First aid measures

[Description of first aid measures]

Flush eyes with plenty of water for at least 15 minutes. Eye contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Rinse mouth, give plenty of water to dilute. No specific intervention is indicated Ingestion

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

: Due to its low vapor pressure inhalation is unlikely at room temperature. Inhalation

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Violet State : Liquid

Odor : No information available.

pH : about5.9

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about 1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

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Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.77 Pine green

[File No.] 103115E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible : Classification not possible Serious eye damage/Eye Irritation : Classification not possible Respiratory sensitizer Classification not possible Skin sensitizer Germ cell mutagenicity : Classification not possible Carcinogenicity Classification not possible Classification not possible Toxic to reproduction Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Classification not possible
Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

 Water
 7732-18-5
 50-80

 Glycerine
 56-81-5
 < 10</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Green State : Liquid

Odor : No information available.

pH : about5.2

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

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Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.66 Coral pink

[File No.] 103110E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible
Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category1

Toxic to reproduction : Category1

Specific target organ systemic toxicity(single exposure) : Classification not possible
Specific target organ systemic toxicity(repeated exposure) : Classification not possible
Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

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6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

ACGIH Chemical name **OSHA** (TWA)10mg/m3 Glycerine

[Exposure controls]

Protective equipment : Not required. : Not required. Respiratory protection : Not required. Hands protection Eye protection : Not required. : Not required. Skin protection

9. Physical and chemical properties

[Information on basic physical and chemical properties]

: Pink Color State

Odor : No information available.

pΗ : about6.1

Boiling point : No information available.[Water 100.0°C]

: No information available. Melting point

: No information available.[Glycerine 177.0°C] Flash point

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Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about 1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.
[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

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[Date of issue]: 2019/03/07 103110E MITSUBISHI PENCIL CO., LTD.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

960820 [HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.54 Light orange

[File No.] 103108E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation Classification not possible : Classification not possible Serious eye damage/Eye Irritation Respiratory sensitizer Classification not possible Classification not possible Skin sensitizer Germ cell mutagenicity : Classification not possible Carcinogenicity Classification not possible Classification not possible Toxic to reproduction Specific target organ systemic toxicity(single exposure) Classification not possible Classification not possible Specific target organ systemic toxicity(repeated exposure) : Classification not possible Aspiration hazard

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.

as compound is not likely to be hazardous by ingestion.

Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

Item Numbers: 22697-1009 Page 22 of 175

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Light orange State : Liquid

Odor : No information available.

pH : about4.2

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about 1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

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Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available. [Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

: >50 mg/L (estimate value) Not classified

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

No information available. [Environmental hazards]

[HS Code] 960820

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-3720

[Date of issue]: 2019/03/07

SAFETY DATA SHEET

MITSUBISHI PENCIL CO., LTD.

1. Product and Company Identification

[Product name]

PEM-SY.51 Light pink

[File No.]

103107E

103107E

Date of issue

2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN Telephone number: (Only office hour are available.) 03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified : Not classified Acute toxicity(skin) Acute toxicity(inhalation steam) Not classified

: Classification not possible Skin corrosion/irritation : Classification not possible Serious eye damage/Eye Irritation : Classification not possible Respiratory sensitizer Skin sensitizer Classification not possible Germ cell mutagenicity

Classification not possible Classification not possible Carcinogenicity Classification not possible Toxic to reproduction Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable. Signal Word : Not applicable. Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

No information available. [Other hazards]

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80
Glycerine 56-81-5 < 10

4. First aid measures

Inhalation

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.

as compound is not likely to be hazardous by ingestion.

Consult medical advice depending on the symptoms.

: Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

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7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Pink State : Liquid

Odor : No information available.

pH : about 5.6

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

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Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available. [Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/03/07 103107E

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

No information available. [Other adverse effects]

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code]

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-5100

[Date of issue]: 2019/03/07

SAFETY DATA SHEET

MITSUBISHI PENCIL CO., LTD.

1. Product and Company Identification

[Product name]

PEM-SY.39 Blue green

[File No.]

103104E

103104E

[Date of issue]

2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address:

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number:

03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible
Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category1

Toxic to reproduction : Category1

Specific target organ systemic toxicity(single exposure) : Classification not possible
Specific target organ systemic toxicity(repeated exposure) : Classification not possible
Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram



Signal Word

: Danger

Hazard Statement

: May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80
Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

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6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Green State : Liquid

Odor : No information available.

pH : about5.9

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

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Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials]No information available.[Hazardous decomposition products]No information available.[Possibility of hazardous reactions]No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

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Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

103103E MITSUBISHI PENCIL CO., LTD.

22697-2500 [Date of issue]:2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.37 Grey

[File No.] 103103E [Date of issue] 2019/03/07

[Details of Manufacture]

2. Hazards identification

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363 (Only office hour are available.)

Information of this section is about the ink.
[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible
Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category1
Toxic to reproduction : Category1

Specific target organ systemic toxicity(single exposure) : Classification not possible Specific target organ systemic toxicity(repeated exposure) : Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

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6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink. Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

ACGIH Chemical name **OSHA** Glycerine (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required. Respiratory protection : Not required. Hands protection : Not required. Eye protection : Not required. Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Gray State : Liquid

Odor : No information available.

pН : about 5.9

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Item Numbers: 22697-1009

Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.
[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-6030

103101E MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.34 Lilac [File No.] 103101E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture] PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified Acute toxicity(skin) : Not classified Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible Serious eye damage/Eye Irritation : Classification not possible Respiratory sensitizer : Classification not possible Skin sensitizer : Classification not possible Germ cell mutagenicity : Classification not possible Carcinogenicity : Classification not possible Toxic to reproduction : Classification not possible Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable. Signal Word : Not applicable. Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

No information available. [Other hazards]

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

Ingestion

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

 Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

ontaining earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

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7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Glycerine
 (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Violet
State : Liquid

Odor : No information available.

pH : about5.9

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

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Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation
No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

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12. Ecological information

[Results of PBT and vPvB assessment]

No information available. No information available.

13. Disposal considerations

[Other adverse effects]

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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22697-8400

501259E MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] KPE-200 Light ochre

[File No.] 501259E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363 (Only office hour are available.)

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified Acute toxicity(skin) : Not classified Acute toxicity(inhalation mist) : Not classified Skin corrosion/irritation : Category2 Serious eye damage/Eye Irritation : Category1

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Causes skin irritation : Causes serious eye damage

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: Take off contaminated clothing and wash before reuse.

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[Date of issue]: 2019/08/19 MITSUBISHI PENCIL CO., LTD. 501259E

: IF ON SKIN: Wash with plenty of soap and water.

: If skin irritation occurs: Get medical advice/attention.

IF IN EYES:Rise cautiously eith water for several minutes.Remove contact lense, if present and easy to do.Continue rinsing.Get immediate medical advaice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

Mixture [The chemical product is a substance or a mixture] Lead [Component parts] [Chemical nature]

Concentration range(wt%) Chemical name Cas No.

30-50 Talc 14807-96-6 < 10 Titanium dioxide 13463-67-7

4. First aid measures

[Description of first aid measures]

: Flush eyes with plenty of water for at least 15 minutes. Eye contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

: Wash skin. Skin contact

: Consult medical advice depending on the symptoms.

: Rinse mouth well and spit out as much as possible. Ingestion

No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

: Not applicable, because it hardly volatilizes at the normal temperature. Inhalation

5. Firefighting measures

Regular dry chemical, carbon dioxide, water, regular foam [Extinguishing media]

[Special hazards arising from the substance or mixture]

No further relevant information available.

Stay upwind and keep out of low areas and avoid inhalation of material or [Advice for firefighters]

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

Do not allow leaked material to pollute rivers, lakes, etc. [Environmental precautions]

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

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7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Yellow State : Solid

Odor : No information available. рΗ : No information available, Boiling point : No information available. : No information available. Melting point : No information available. Flash point Autoignition temperature : No information available. Explosion limits : No information available, Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

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11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

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13. Disposal considerations

Dispose in accordance with all current regulations and standards.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960910

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

501238E

22697-8210

[Date of issue]:2019/08/19

SAFETY DATA SHEET

MITSUBISHI PENCIL CO., LTD.

1. Product and Company Identification

[Product name] KPE-200 Ochre

[File No.] 501238E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Not classified

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible

Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

Talc 14807–96–6 30–50
Titanium dioxide 13463–67–7 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation : Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

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8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Titanium dioxide - (TWA)10mg/m3
Talc - (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Golor : Yellow State : Solid

Odor : No information available. : No information available. рΗ : No information available. **Boiling point** : No information available. Melting point Flash point : No information available. Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

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Acute toxicity(inhalation:dust/mist)

Not classified

: >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide

: Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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[Date of issue]:2019/08/19 MITSUBISHI PENCIL CO., LTD. 501238E

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960910

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-7070

501237E MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] KPE-200 Dark olive

[File No.] 501237E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Not classified

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible

Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

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3. Composition/information on ingredients

Mixture [The chemical product is a substance or a mixture] [Chemical nature] [Component parts] Lead

Cas No. Concentration range(wt%) Chemical name

30-50 Talc 14807-96-6 Titanium dioxide 13463-67-7 < 10

4. First aid measures

[Description of first aid measures]

: Flush eyes with plenty of water for at least 15 minutes. Eye contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Rinse mouth well and spit out as much as possible. Ingestion

No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

: Not applicable, because it hardly volatilizes at the normal temperature. Inhalation

5. Firefighting measures

Regular dry chemical, carbon dioxide, water, regular foam [Extinguishing media]

[Special hazards arising from the substance or mixture]

No further relevant information available.

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. [Advice for firefighters]

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

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8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Green State : Solid

Odor : No information available. : No information available. pН : No information available. **Boiling point** : No information available. Melting point Flash point : No information available. Autoignition temperature : No information available. **Explosion limits** : No information available. Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

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Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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[Date of issue]: 2019/08/19 501237E MITSUBISHI PENCIL CO., LTD.

14. Transport information

[Environmental hazards] No information available.

960910 [HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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22697-7060

501257E MITSUBISHI PENCIL CO., LTD.

[Date of issue]:2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name]

KPE-200 Green tea

[File No.]

501257E

[Date of issue]

2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address:

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number:

03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Not classified

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible

Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram



Signal Word

: Danger

Hazard Statement

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

 Talc
 14807-96-6
 30-50

 Titanium dioxide
 13463-67-7
 < 10</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation : Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

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8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Green State : Solid

: No information available. Odor pН : No information available. **Boiling** point : No information available. : No information available. Melting point : No information available. Flash point Autoignition temperature : No information available. **Explosion limits** : No information available. : No information available. Vapor density(air=1) Density : No information available.

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Item Numbers: 22697-1009 Page 63 of 175

Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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[Date of issue]: 2019/08/19 501257E MITSUBISHI PENCIL CO., LTD.

14. Transport information

[Environmental hazards] No information available.

[HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

501253E MITSUBISHI PENCIL CO., LTD. 22697-7050 [Date of issue]:2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] KPE-200 Fresh green

[File No.] 501253E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Not classified

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible

Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

Item Numbers: 22697-1009 Page 66 of 175

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

 Talc
 14807-96-6
 30-50

 Titanium dioxide
 13463-67-7
 < 10</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation : Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

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8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH

Titanium dioxide - (TWA)10mg/m3

Talc - (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Green State : Solid

: No information available. Odor : No information available. pН **Boiling** point : No information available. : No information available. Melting point Flash point : No information available. Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

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Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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14. Transport information

[Environmental hazards] No information available.

[HS Code] 960910

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

501232E

MITSUBISHI PENCIL CO., LTD. 22697-5220

[Date of issue]: 2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name]

KPE-200 Prussian blue

[File No.]

501232E

[Date of issue]

2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address:

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number:

03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified Acute toxicity(skin) : Not classified Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation Category2

Respiratory sensitizer Classification not possible Skin sensitizer Classification not possible Germ cell mutagenicity : Classification not possible Carcinogenicity : Classification not possible Toxic to reproduction : Classification not possible Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard

: Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram





Signal Word

: Danger

Hazard Statement

: Causes serious eye irritation.

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

: Do not eat, drink or smoke when using this product.

: Get medical advice/attention if you feel unwell.

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easys to do. Continue rinsing.

: If eye irritation persists: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

 Talc
 14807–96–6
 30–50

 Titanium dioxide
 13463–67–7
 10–30

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation : Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

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8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Blue State : Solid

Odor : No information available. рΗ : No information available. : No information available. **Boiling** point Melting point : No information available. Flash point : No information available. Autoignition temperature : No information available. : No information available. Explosion limits Vapor density(air=1) : No information available. Density : No information available.

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

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Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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[Date of issue]: 2019/08/19 501232E MITSUBISHI PENCIL CO., LTD.

14. Transport information

[Environmental hazards] No information available.

[HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Item Numbers: 22697-1009

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] KPE-200 Navy blue

[File No.] 501231E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Not classified

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible

Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

Item Numbers: 22697-1009 Page 76 of 175

3. Composition/information on ingredients

Mixture [The chemical product is a substance or a mixture] [Component parts] Lead [Chemical nature]

Concentration range(wt%) Cas No. Chemical name

30-50 14807-96-6 13463-67-7 < 10 Titanium dioxide

4. First aid measures

[Description of first aid measures]

: Flush eyes with plenty of water for at least 15 minutes. Eye contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

: Wash skin. Skin contact

: Consult medical advice depending on the symptoms.

: Rinse mouth well and spit out as much as possible. Ingestion

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

: Not applicable, because it hardly volatilizes at the normal temperature. Inhalation

5. Firefighting measures

Regular dry chemical, carbon dioxide, water, regular foam [Extinguishing media]

[Special hazards arising from the substance or mixture]

No further relevant information available.

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. [Advice for firefighters]

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

Do not allow leaked material to pollute rivers, lakes, etc. [Fnvironmental precautions]

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

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8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Blue State : Solid

: No information available. Odor рΗ : No information available. **Boiling point** : No information available. Melting point : No information available. Flash point : No information available. Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available.
[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Item Numbers: 22697-1009 Page 78 of 175

Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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[Date of issue]: 2019/08/19 MITSUBISHI PENCIL CO., LTD. 501231E

14. Transport information

No information available. [Environmental hazards]

960910 [HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-3030

501234E MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] KPE-200 Dark red

[File No.] 501234E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Category2

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible

Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easys to do. Continue rinsing.

: If eye irritation persists: Get medical advice/attention.

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501234E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/08/19

: Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]

Mixture

[Chemical nature]

[Component parts]

Lead

Chemical name

Cas No.

Concentration range(wt%)

Talc

14807-96-6

30-50

Titanium dioxide

13463-67-7

10-30

4. First aid measures

[Description of first aid measures]

Eye contact

: Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact

: Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion

: Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation

: Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media]

Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions]

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Red State : Solid

: No information available. Odor : No information available. pН **Boiling** point : No information available. : No information available. Melting point Flash point : No information available. Autoignition temperature : No information available. : No information available. Explosion limits Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

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Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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501234E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/08/19

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960910

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

501241E

MITSUBISHI PENCIL CO., LTD. 22697-2590

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[Date of issue]: 2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name]

KPE-200 Light grey

[File No.]

501241E

[Date of issue]

2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address:

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number:

03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Category2

Respiratory sensitizer : Classification not possible Skin sensitizer : Classification not possible Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category2

Toxic to reproduction : Classification not possible

Specific target organ systemic toxicity(single exposure) : Category3
Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram





Signal Word : Danger

Hazard Statement : Causes serious eye irritation.

: May cause respiratory irritation; or May cause drowsiness or dizziness

: Suspected of causing cancer

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

: Do not eat, drink or smoke when using this product.

: Use in a well-ventilated area.

: Use personal protective equipment as required. (Refer to Section 8)

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easys to do. Continue rinsing.

: IF exposed or concerned: Get medical advice/attention.

: If eye irritation persists: Get medical advice/attention.

: IF INHALED:Remove victim to fresh air and keep at rest in a position comfortable for breathing.Get medical advice/attention if you feel unwell.

: Store in a well-ventilated place. Keep container tightly closed.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

 Talc
 14807–96-6
 30-50

 Titanium dioxide
 13463–67-7
 10-30

 Carbon black
 1333–86-4
 < 1</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation : Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

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7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Grey State : Solid

Odor : No information available. pН : No information available. **Boiling point** : No information available. Melting point : No information available. Flash point : No information available. Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available.

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

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11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

Carbon black : Category2

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

Titanium dioxide : Category3

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

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[Date of issue]:2019/08/19 501241E MITSUBISHI PENCIL CO., LTD.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960910

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

501255E MITSUBISHI PENCIL CO., LTD. 22697-2530 [Date of issue]:2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] KPE-200 Dark grey

[File No.] 501255E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Category2

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category2

Toxic to reproduction : Classification not possible

Specific target organ systemic toxicity(single exposure) : Category3
Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :





Signal Word : Danger

Hazard Statement : Causes serious eye irritation.

: May cause respiratory irritation; or May cause drowsiness or dizziness

: Suspected of causing cancer

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

: Do not eat, drink or smoke when using this product.

: Use in a well-ventilated area.

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501255E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/08/19

: Use personal protective equipment as required. (Refer to Section 8)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easys to do. Continue rinsing.

: IF exposed or concerned: Get medical advice/attention.

: If eye irritation persists: Get medical advice/attention.

IF INHALED:Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

: Store in a well-ventilated place. Keep container tightly closed.

: Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]

Mixture

[Chemical nature]

[Component parts]

Lead

Chemical name

Cas No.

Concentration range(wt%)

Talc

14807-96-6

30-50 10-30

Titanium dioxide

13463-67-7

Carbon black

1333-86-4

< 1

4. First aid measures

[Description of first aid measures]

Eye contact

: Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact

: Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion

: Rinse mouth well and spit out as much as possible.

No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation

: Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media]

Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions]

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Titanium dioxide
 (TWA)10mg/m3

 Talc
 (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Grey State : Solid

Odor : No information available. : No information available. рΗ **Boiling point** : No information available. Melting point : No information available. Flash point : No information available. Autoignition temperature : No information available. Explosion limits ; No information available. Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available.

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

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11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

Carbon black : Category2

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

Titanium dioxide : Category3

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

Item Numbers: 22697-1009 Páge 94 of 175

[Date of issue]: 2019/08/19 501255E MITSUBISHI PENCIL CO., LTD.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

14. Transport information

[Environmental hazards] No information available.

[HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Item Numbers: 22697-1009

501251E

MITSUBISHI PENCIL CO., LTD.

22697-1040

[Date of issue]:2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name]

KPE-200 Ivory

[File No.]

501251E

[Date of issue]

2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address:

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number:

03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified Acute toxicity(skin) : Not classified Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation Classification not possible

Serious eye damage/Eye Irritation Category2

Respiratory sensitizer Classification not possible Skin sensitizer : Classification not possible Germ cell mutagenicity : Classification not possible Carcinogenicity : Classification not possible Toxic to reproduction Classification not possible

Specific target organ systemic toxicity(single exposure) Category3 Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Category4

[Label elements]

Pictogram





Signal Word

: Danger

Hazard Statement

: Causes serious eye irritation.

: May cause respiratory irritation; or May cause drowsiness or dizziness : Causes damage to organs through prolonged or repeated exposure

Classification not possible

: May cause long lasting effect to aquatic life

Precautionary Statement

: Do not breathe dust/vapours etc..

: Do not eat, drink or smoke when using this product.

: Use in a well-ventilated area.

: Avoid release to the environment.

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easys to do. Continue rinsing.

: If eye irritation persists: Get medical advice/attention.

: IF INHALED:Remove victim to fresh air and keep at rest in a position comfortable for breathing.Get medical advice/attention if you feel unwell.

: Store in a well-ventilated place. Keep container tightly closed.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

 Talc
 14807-96-6
 30-50

 Titanium dioxide
 13463-67-7
 10-30

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation : Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

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7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

-

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH

Titanium dioxide - (TWA)10mg/m3

Talc - (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Yellow State : Solid

Odor : No information available. рΗ : No information available. Boiling point : No information available. Melting point : No information available. Flash point : No information available. Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available.

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.

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11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

Titanium dioxide : Category3

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide

: Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

Titanium dioxide : Category4

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

501251E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/08/19

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- · The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-1020

501224E MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/08/19

SAFETY DATA SHEET

1. Product and Company Identification

[Product name]

KPE-200 White

[File No.]

501224E

[Date of issue]

2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address:

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number:

03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the leads

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified

Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Category2

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible

Specific target organ systemic toxicity(single exposure) : Category3
Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Category4

[Label elements]

Pictogram





Signal Word

: Danger

Hazard Statement

: Causes serious eye irritation.

May cause respiratory irritation; or May cause drowsiness or dizziness
 Causes damage to organs through prolonged or repeated exposure

: May cause long lasting effect to aquatic life

Precautionary Statement

: Do not breathe dust/vapours etc..

: Do not eat, drink or smoke when using this product.

: Use in a well-ventilated area.

501224E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/08/19

: Avoid release to the environment.

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easys to do. Continue rinsing.

: If eye irritation persists: Get medical advice/attention.

: IF INHALED:Remove victim to fresh air and keep at rest in a position comfortable for breathing.Get medical advice/attention if you feel unwell.

: Store in a well-ventilated place. Keep container tightly closed.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

 Titanium dioxide
 13463-67-7
 30-50

 Talc
 14807-96-6
 10-30

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Inhalation : Not applicable, because it hardly volatilizes at the normal temperature.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH

Titanium dioxide - (TWA)10mg/m3

Talc - (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : White State : Solid

Odor : No information available. : No information available. рΗ : No information available. Boiling point Melting point : No information available. Flash point : No information available. Autoignition temperature : No information available. Explosion limits : No information available. : No information available. Vapor density(air=1) : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.

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11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

Titanium dioxide : Category3

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

Titanium dioxide : Category4

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

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[Date of issue]: 2019/08/19 501224E MITSUBISHI PENCIL CO., LTD.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960910

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- · The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- · This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Item Numbers: 22697-1009

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] KPE-200 Ash brown

[File No.] 501244E [Date of issue] 2019/08/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the leads.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation mist) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Not classified

Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible
Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible

Hazard to the Aquatic Environment (Chronic) : Not classified

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

Do not eat, drink or smoke when using this product.Get medical advice/attention if you feel unwell.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture
[Chemical nature] [Component parts] Lead

Chemical name Cas No. Concentration range(wt%)

 Talc
 14807–96–6
 30–50

 Titanium dioxide
 13463–67–7
 < 10</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

Ingestion : Rinse mouth well and spit out as much as possible.

: No specific intervention is indicated as compound is not likely to be hazardous

by ingestion. However, if symptoms occur, consult medical advice.

Not applicable, because it hardly volatilizes at the normal temperature.

Inhalation : Not applicable, because it hardly volatilizes at the normal ter

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

No special precaution is needed.

[Environmental precautions] Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Sweep it with brooms and collect it.

Dispose of waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling]

Keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

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8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH

Titanium dioxide – (TWA)10mg/m3

Talc – (TWA)2mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Brown State : Solid

: No information available. Odor рΗ : No information available. **Boiling point** : No information available. Melting point : No information available. Flash point : No information available. Autoignition temperature : No information available. : No information available. **Explosion limits** Vapor density(air=1) : No information available. : No information available. Density

Solubility in water : insoluble

Evaporation rate : No information available. [Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature and pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

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Acute toxicity(inhalation:dust/mist)

Not classified : >12.5 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide

: Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

Dispose in accordance with all current regulations and standards.

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14. Transport information

[Environmental hazards] No information available.

[HS Code] 960910

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the leads.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.33 Blue

[File No.] 104133E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Classification not possible Skin corrosion/irritation Classification not possible Serious eye damage/Eye Irritation Classification not possible Respiratory sensitizer Skin sensitizer Classification not possible Germ cell mutagenicity Classification not possible Carcinogenicity Classification not possible Toxic to reproduction Classification not possible Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible Classification not possible Aspiration hazard

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

 Water
 7732-18-5
 50-80

 1,2-Propanediol
 57-55-6
 < 10</td>

 Glycerine
 56-81-5
 < 10</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

If not feeling well, move to an area of fresh air and rest.Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

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6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink. Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

No information available. [Specific end use(s)]

8. Exposure controls/personal protection

[Control parameters]

OSHA ACGIH Chemical name (TWA)10mg/m3 Glycerine

[Exposure controls]

Protective equipment : Not required. Respiratory protection : Not required. Hands protection : Not required. Eye protection : Not required. : Not required. Skin protection

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Blue State

Odor : No information available.

pН : about8.5

Boiling point : No information available.[Water 100.0°C]

: No information available. Melting point

Flash point : No information available.[Glycerine 177.0°C]

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Autoignition temperature : No information available. : No information available. **Explosion limits** : No information available. Vapor density(air=1)

: about1.2 Density

Solubility in water : No information available. : No information available. Evaporation rate

Volatile

No information available. [Other information]

10. Stability and reactivity

This mixture is stable in normal temperature, a condition of the pressure. [Chemical stability]

No data available. [Reactivity]

Avoid heat, flames, sparks and other sources of ignition. [Conditions to avoid]

Avoid direct sunlight and high temperature.

No information available. [Incompatible materials] No information available. [Hazardous decomposition products] No information available. [Possibility of hazardous reactions]

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

: >50 mg/L (estimate value) Not classified

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Item Numbers: 22697-1009

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.31 Emerald green

[File No.] 103120E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible
Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible
Carcinogenicity : Classification not possible
Toxic to reproduction : Classification not possible

Specific target organ systemic toxicity(single exposure) : Classification not possible
Specific target organ systemic toxicity(repeated exposure) : Classification not possible
Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

3. Composition/information on ingredients

Mixture [The chemical product is a substance or a mixture]

[Component parts] Ink[Ink quantity of product :about 1.0g] [Chemical nature]

Cas No. Concentration range(wt%) Chemical name

50-80 7732-18-5 Water 56-81-5 < 10 Glycerine

4. First aid measures

[Description of first aid measures]

: Flush eyes with plenty of water for at least 15 minutes. Eye contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

; Wash skin. Skin contact

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Ingestion

Consult medical advice depending on the symptoms.

Due to its low vapor pressure inhalation is unlikely at room temperature. Inhalation

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

[Date of issue]: 2019/03/07

7. Handling and storage

103120F

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

MITSUBISHI PENCIL CO. LTD.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine – (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Golor : Green State : Liquid

Odor : No information available.

pH : about5.9

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.
[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

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12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-4060 [Date of issue]:2019/03/07

103099E MITSUBISHI PENCIL CO., LTD.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.28 Lemon

[File No.] 103099E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

Classification not possible

2. Hazards identification

Information of this section is about the ink.
[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible : Classification not possible Serious eye damage/Eye Irritation Classification not possible Respiratory sensitizer Classification not possible Skin sensitizer Germ cell mutagenicity Classification not possible Carcinogenicity Classification not possible Classification not possible Toxic to reproduction Specific target organ systemic toxicity(single exposure) Classification not possible Classification not possible Specific target organ systemic toxicity(repeated exposure)

Aspiration hazard ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

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Item Numbers: 22697-1009

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]

Mixture

[Chemical nature] Chemical name

[Component parts] Cas No.

Ink[Ink quantity of product :about 1.0g]

Water

Concentration range(wt%)

7732-18-5

50-80

Glycerine

56-81-5

< 10

4. First aid measures

[Description of first aid measures]

Eye contact

: Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact

: Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion

Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation

: Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media]

Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Yellow State : Liquid

Odor : No information available.

pH : about4.8

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

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Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available. [Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

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12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

960820 [HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

104132F MITSURISHI PENCIL CO. LTD.

22697-2020 [Date of issue]:2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.24 Black

[File No.] 104132E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible
Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category2

Toxic to reproduction : Classification not possible Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Category1

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Suspected of causing cancer

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

: Do not eat, drink or smoke when using this product.

: Use personal protective equipment as required. (Refer to Section 8)

: Get medical advice/attention if you feel unwell.

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

 Water
 7732-18-5
 50-80

 Carbon black
 1333-86-4
 < 10</td>

 Glycerine
 56-81-5
 < 10</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

If not feeling well, move to an area of fresh air and rest.Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

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6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

 Chemical name
 OSHA
 ACGIH

 Carbon black
 (TWA)3.5mg/m3

 Glycerine
 (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Black State : Liquid

Odor : No information available.

pH : about8.5

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

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Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about 1.2

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.
[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

Carbon black : Category2

Toxic to reproduction

No information available.

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Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Carbon black

: Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-8030

[Date of issue]: 2019/03/07

SAFETY DATA SHEET

MITSUBISHI PENCIL CO. LTD.

1. Product and Company Identification

[Product name]

PEM-SY.22 Dark brown

[File No.]

103098E

103098E

[Date of issue]

2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN Address: Telephone number: (Only office hour are available.) 03-3458-6281

telefax number:

03-3450-0363

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

: Not classified Acute toxicity(oral) Acute toxicity(skin) : Not classified Acute toxicity(inhalation steam) Not classified

: Classification not possible Skin corrosion/irritation : Classification not possible Serious eye damage/Eye Irritation : Classification not possible Respiratory sensitizer Skin sensitizer : Classification not possible Classification not possible Germ cell mutagenicity

Carcinogenicity Category1 Toxic to reproduction Category1

Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible : Classification not possible Aspiration hazard

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible : Classification not possible Hazard to the Aquatic Environment (Chronic)

[Label elements]

Pictogram



Signal Word

: Danger

Hazard Statement

: May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Item Numbers: 22697-1009

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Brown State : Liquid

Odor : No information available.

pH : about6.8

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

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Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available. [Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

103096E MITSUBISHI PENCIL CO., LTD.

22697-3280

Classification not possible

[Date of issue]:2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.16 Vermillion

[File No.] 103096E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Skin corrosion/irritation

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category1
Toxic to reproduction : Category1

Specific target organ systemic toxicity(single exposure) : Classification not possible Specific target organ systemic toxicity(repeated exposure) : Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]

Ink[Ink quantity of product :about 1.0g] [Chemical nature] [Component parts] Chemical name Cas No. Concentration range(wt%)

50-80 Water 7732-18-5 < 10 56-81-5 Glycerine

4. First aid measures

[Description of first aid measures]

: Flush eyes with plenty of water for at least 15 minutes. Eye contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Ingestion

: Consult medical advice depending on the symptoms.

: Due to its low vapor pressure inhalation is unlikely at room temperature. Inhalation

> : If not feeling well, move to an area of fresh air and rest. : Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

Stay upwind and keep out of low areas and avoid inhalation of material or [Advice for firefighters]

combustion by-products.

Wear suitable protective equipment.

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6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Vermilion State : Liquid

Odor : No information available.

pH : about6.4

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

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Autoignition temperature : No information available. : No information available. Explosion limits : No information available. Vapor density(air=1)

Density : about1.1

: No information available. Solubility in water : No information available. Evaporation rate

Volatile

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

Avoid heat, flames, sparks and other sources of ignition. [Conditions to avoid]

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. No information available. [Hazardous decomposition products] No information available. [Possibility of hazardous reactions]

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

: >50 mg/L (estimate value) Not classified

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Item Numbers: 22697-1009

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-3010

104134E MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.15 Red

[File No.] 104134E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible : Classification not possible Serious eye damage/Eye Irritation Respiratory sensitizer Classification not possible Skin sensitizer Classification not possible Germ cell mutagenicity : Classification not possible Carcinogenicity Classification not possible Toxic to reproduction Classification not possible Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]

Chemical name Cas No. Concentration range(wt%)

 Water
 7732-18-5
 50-80

 1,2-Propanediol
 57-55-6
 < 10</td>

 Glycerine
 56-81-5
 < 10</td>

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Red State : Liquid

Odor : No information available.

pH : about8.6

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

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Autoignition temperature : No information available. : No information available. Explosion limits Vapor density(air=1) : No information available.

: about1.2 Density

Solubility in water : No information available. : No information available. Evaporation rate

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available. [Hazardous decomposition products] No information available. [Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

: >50 mg/L (estimate value) Not classified

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

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MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/03/07 104134E

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

960820 [HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.11 Fusha

[File No.] 103092E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.
[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

 Skin corrosion/irritation
 : Classification not possible

 Serious eye damage/Eye Irritation
 : Classification not possible

 Respiratory sensitizer
 : Classification not possible

 Skin sensitizer
 : Classification not possible

 Germ cell mutagenicity
 : Classification not possible

Carcinogenicity : Category1
Toxic to reproduction : Category1

Specific target organ systemic toxicity(single exposure) : Classification not possible
Specific target organ systemic toxicity(repeated exposure) : Classification not possible
Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

If not feeling well, move to an area of fresh air and rest.Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

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MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/03/07

6. Accidental release measures

103092E

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)]

No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name

OSHA

ACGIH

Glycerine

_

(TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color

: Pink

State

: Liquid

Odor

: No information available.

рΗ

: about 7.0

Boiling point

: No information available.[Water 100.0°C]

Melting point

: No information available.

Flash point

: No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about 1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.
[Hazardous decomposition products] No information available.
[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

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Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code]

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

103117E

22697-5020 MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.8 Light blue

[File No.] 103117E 2019/03/07 [Date of issue]

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN Telephone number: 03-3458-6281 03-3450-0363 telefax number:

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified Acute toxicity(skin) : Not classified Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible Serious eye damage/Eye Irritation Classification not possible Respiratory sensitizer Classification not possible Skin sensitizer Classification not possible Germ cell mutagenicity Classification not possible Carcinogenicity Classification not possible Toxic to reproduction Classification not possible Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable. Signal Word : Not applicable. Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

No information available. [Other hazards]

Item Numbers: 22697-1009

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Light blue State : Liquid

Odor : No information available.

pH : about5.4

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available.

Explosion limits : No information available.

Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

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Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-7030 [Date of issue]:2019/03/07 103113E MITSUBISHI PENCIL CO. LTD.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.7 Kahki green

[File No.] 103113E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN Address: Telephone number:
(Only office hour are available.) 03-3450-0363 03-3458-6281 telefax number:

2. Hazards identification

Information of this section is about the ink. [Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

: Not classified Acute toxicity(oral) Acute toxicity(skin) : Not classified Acute toxicity(inhalation steam) Not classified

: Classification not possible Skin corrosion/irritation : Classification not possible Serious eye damage/Eye Irritation : Classification not possible Respiratory sensitizer Classification not possible Skin sensitizer Classification not possible Germ cell mutagenicity

Category1 Carcinogenicity Toxic to reproduction Category1

Classification not possible Specific target organ systemic toxicity(single exposure) Specific target organ systemic toxicity(repeated exposure) Classification not possible Classification not possible Aspiration hazard

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible : Classification not possible Hazard to the Aquatic Environment (Chronic)

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

If not feeling well, move to an area of fresh air and rest.Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

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6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.

Respiratory protection : Not required.

Hands protection : Not required.

Eye protection : Not required.

Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Green State : Liquid

Odor : No information available.

pH : about5.9

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

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Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

22697-7010 [Date of issue]:2019/03/07

103090E MITSUBISHI PENCIL CO., LTD.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.6 Green

[File No.] 103090E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.
[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible Serious eye damage/Eye Irritation : Classification not possible Respiratory sensitizer Classification not possible Classification not possible Skin sensitizer Germ cell mutagenicity : Classification not possible Carcinogenicity Classification not possible Toxic to reproduction Classification not possible Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

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3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Chemical nature] [Component parts] Ink[Ink quantity of product :about 1.0g]
Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 Glycerine 56-81-5 < 10

4. First aid measures

[Description of first aid measures]

Eye contact : Flush eyes with plenty of water for at least 15 minutes.

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Ingestion : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated

as compound is not likely to be hazardous by ingestion.

: Consult medical advice depending on the symptoms.

Inhalation : Due to its low vapor pressure inhalation is unlikely at room temperature.

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters] Stay upwind and keep out of low areas and avoid inhalation of material or

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink. Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name **OSHA ACGIH** Glycerine (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required. Respiratory protection : Not required. Hands protection : Not required. Eye protection : Not required. Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Green State : Liquid

Odor : No information available.

pН : about5.7

Boiling point : No information available.[Water 100.0°C]

: No information available. Melting point

: No information available.[Glycerine 177.0°C] Flash point

Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

This mixture is stable in normal temperature, a condition of the pressure. [Chemical stability]

No data available. [Reactivity]

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid
 contractual relationship.

103089E MITSUBISHI PENCIL CO., LTD.

22697-4500 [Date of issue]:2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.4 Orange

[File No.] 103089E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.
[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible
Serious eye damage/Eye Irritation : Classification not possible
Respiratory sensitizer : Classification not possible
Skin sensitizer : Classification not possible
Germ cell mutagenicity : Classification not possible

Carcinogenicity : Category1
Toxic to reproduction : Category1

Specific target organ systemic toxicity(single exposure) : Classification not possible Specific target organ systemic toxicity(repeated exposure) : Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : May cause cancer

: May damage fertility or the unborn child

Precautionary Statement

: Use personal protective equipment as required. (Refer to Section 8)

: IF exposed or concerned: Get medical advice/attention.

: Dispose in accordance with all current regulations and standards.

[Other hazards] No information available.

[Date of issue]: 2019/03/07 103089E MITSUBISHI PENCIL CO., LTD.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

Ink[Ink quantity of product :about 1.0g] [Component parts] [Chemical nature] Concentration range(wt%) Cas No. Chemical name

50-80 7732-18-5 Water < 10 56-81-5 Glycerine

4. First aid measures

[Description of first aid measures]

: Flush eyes with plenty of water for at least 15 minutes. Eve contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

: Wash skin. Skin contact

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Ingestion

: Consult medical advice depending on the symptoms.

: Due to its low vapor pressure inhalation is unlikely at room temperature. Inhalation

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

Regular dry chemical, carbon dioxide, water, regular foam [Extinguishing media]

[Special hazards arising from the substance or mixture]

No further relevant information available.

Stay upwind and keep out of low areas and avoid inhalation of material or [Advice for firefighters]

combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight,

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine - (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Orange State : Liquid

Odor : No information available.

pH : about5.8

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

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MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/03/07 103089E

Autoignition temperature : No information available. **Explosion limits** : No information available. : No information available. Vapor density(air=1)

Density about1.1

: No information available. Solubility in water : No information available. Evaporation rate

: >70% Volatile

No information available. [Other information]

10. Stability and reactivity

This mixture is stable in normal temperature, a condition of the pressure. [Chemical stability]

[Reactivity] No data available.

Avoid heat, flames, sparks and other sources of ignition. [Conditions to avoid]

Avoid direct sunlight and high temperature.

No information available. [Incompatible materials] [Hazardous decomposition products] No information available. [Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

: >5000 mg/kg (estimate value) Not classified

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects] No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or

incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

103100E

MITSUBISHI PENCIL CO., LTD.

22697-4290

[Date of issue]: 2019/03/07

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] PEM-SY.3 Bright yellow

[File No.] 103100E [Date of issue] 2019/03/07

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 telefax number: 03-3450-0363

2. Hazards identification

Information of this section is about the ink.
[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

Acute toxicity(oral) : Not classified
Acute toxicity(skin) : Not classified
Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation Classification not possible Serious eye damage/Eye Irritation : Classification not possible : Classification not possible Respiratory sensitizer Skin sensitizer Classification not possible Germ cell mutagenicity Classification not possible : Classification not possible Carcinogenicity : Classification not possible Toxic to reproduction Specific target organ systemic toxicity(single exposure) Classification not possible Specific target organ systemic toxicity(repeated exposure) Classification not possible Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute) : Classification not possible
Hazard to the Aquatic Environment (Chronic) : Classification not possible

[Label elements]

Pictogram : Not applicable.
Signal Word : Not applicable.
Hazard Statement : Not applicable.

Precautionary Statement

Not applicable.

[Other hazards] No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture] Mixture

[Component parts] Ink[Ink quantity of product :about 1.0g] [Chemical nature] Chemical name Cas No. Concentration range(wt%)

Water 7732-18-5 50-80 56-81-5 < 10 Glycerine

4. First aid measures

[Description of first aid measures]

: Flush eyes with plenty of water for at least 15 minutes. Eye contact

: Take off the contact lens if possible

: Consult medical advice depending on the symptoms.

Skin contact : Wash skin.

: Consult medical advice depending on the symptoms.

: Thoroughly clean and dry contaminated clothing and shoes before reuse.

Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Ingestion

Consult medical advice depending on the symptoms.

: Due to its low vapor pressure inhalation is unlikely at room temperature. Inhalation

: If not feeling well, move to an area of fresh air and rest.

: Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

Regular dry chemical, carbon dioxide, water, regular foam [Extinguishing media]

[Special hazards arising from the substance or mixture]

No further relevant information available.

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. [Advice for firefighters]

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for

authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions] Collect leaked material in empty container after leading outflow to a safe area

containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local

regulations.

[Reference to other sections] No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

Don't shake.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and

direct sunlight.

Recommended temperature : 0-40°C

[Specific end use(s)] No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name OSHA ACGIH
Glycerine – (TWA)10mg/m3

[Exposure controls]

Protective equipment : Not required.
Respiratory protection : Not required.
Hands protection : Not required.
Eye protection : Not required.
Skin protection : Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Bright yellow

State : Liquid

Odor : No information available.

pH : about4.6

Boiling point : No information available.[Water 100.0°C]

Melting point : No information available.

Flash point : No information available.[Glycerine 177.0°C]

Autoignition temperature : No information available. Explosion limits : No information available. Vapor density(air=1) : No information available.

Density : about 1.1

Solubility in water : No information available. Evaporation rate : No information available.

Volatile : >70%

[Other information] No information available.

10. Stability and reactivity

[Chemical stability] This mixture is stable in normal temperature, a condition of the pressure.

[Reactivity] No data available.

[Conditions to avoid] Avoid heat, flames, sparks and other sources of ignition.

3/5

Avoid direct sunlight and high temperature.

[Incompatible materials] No information available.

[Hazardous decomposition products] No information available.

[Possibility of hazardous reactions] No information available.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(skin)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

MITSUBISHI PENCIL CO., LTD. [Date of issue]: 2019/03/07 103100E

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

No information available. [Other adverse effects]

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

960820 [HS Code]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container. [Special precautions for user]

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3:2010 Safety of Toys - Part 3"

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.