

500035E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

21078-1229

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 10H

[File No.] 500035E

[Date of issue] 2017/12/04

[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) : Classification not possible

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) : 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.

500035E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Kaolinite	1332-58-7 50-80
Graphite	7782-42-5 30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500035E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: No information available.
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500035E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500035E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500024E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 9H

[File No.] 500024E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500024E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Kaolinite	1332-58-7 50-80
Graphite	7782-42-5 30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500024E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,1
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500024E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500024E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500025E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 8H

[File No.] 500025E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500025E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Kaolinite	1332-58-7 50-80
Graphite	7782-42-5 30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500025E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,1
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500025E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500025E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500026E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 7H

[File No.] 500026E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500026E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Kaolinite	1332-58-7	50-80
Graphite	7782-42-5	30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500026E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2.2
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500026E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500026E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500027E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 6H

[File No.] 500027E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500027E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 30-50
Kaolinite	1332-58-7 30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500027E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,1
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500027E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500027E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500028E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 5H

[File No.] 500028E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500028E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5	50-80
Kaolinite	1332-58-7	30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500028E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,1
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500028E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500028E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500029E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 4H

[File No.] 500029E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500029E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5	50-80
Kaolinite	1332-58-7	30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500029E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,1
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500029E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500029E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500030E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 3H

[File No.] 500030E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500030E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500030E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,1
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500030E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500030E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500031E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 2H

[File No.] 500031E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500031E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 30-50

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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500031E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,1
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500031E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500031E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500032E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500032E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,0
Solubility in water	: No information available.
Evaporation rate	: No information available.
[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500032E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500032E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500014E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5	50-80
Kaolinite	1332-58-7	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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500014E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: No information available.
pH	: 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.
Density	: about 2,0
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500014E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500014E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500015E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni HB

[File No.] 500015E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500015E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500015E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 2,0
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500015E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500015E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500016E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500016E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 1.9
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500016E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500016E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500017E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 2B

[File No.] 500017E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500017E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500017E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 1.9
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500017E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500017E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500018E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 3B

[File No.] 500018E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500018E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5	50-80
Kaolinite	1332-58-7	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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500018E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 1.9
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500018E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500018E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500019E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 4B

[File No.] 500019E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500019E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500019E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 1.9
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500019E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500019E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500020E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 5B

[File No.] 500020E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500020E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5	50-80
Kaolinite	1332-58-7	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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500020E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 1.9
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500020E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500020E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500021E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 6B

[File No.] 500021E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500021E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500021E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: about 1.8
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500021E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500021E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500022E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 7B

[File No.] 500022E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500022E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500022E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: No information available.
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500022E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500022E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500023E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 8B

[File No.] 500023E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500023E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5	50-80
Kaolinite	1332-58-7	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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500023E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: No information available.
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500023E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500023E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500033E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 9B

[File No.] 500033E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500033E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: No information available.
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500033E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500033E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.

500034E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] Hi-uni 10B

[File No.] 500034E

[Date of issue] 2017/12/04

[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) : 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 : 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.

500034E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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%)
Graphite	7782-42-5 50-80
Kaolinite	1332-58-7 < 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]	Do not lick or swallow the lead. Keep out of the reach of infants.
[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

500034E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[Control parameters]

Chemical name	OSHA	ACGIH
Graphite	-	(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	: Black
State	: Solid
Odor	: slight odor
pH	: 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.
Density	: No information available.
Solubility in water	: No information available.
Evaporation rate	: No information available.

[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.

11. Toxicological information

[Information on toxicological effects]

Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:dust/mist)	
Classification not possible	: No information available.

500034E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

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

No information available.

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 caution against collapse of container.

15. Regulatory information

500034E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/12/04

[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 "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.