

SAFETY DATA SHEET

According to EC Directive 91/155/EEC

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Trade name: DECOFABRIC INK #F09 FL. PINKSerial No. **100622-F09**

Revision Date

Nov.04.2020Version **1.14**

Print Date

Nov.04.2020**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : #0222 DECOFABRIC INK #F09 FL. PINK

Company/undertaking identificationCompany : UCHIDA OF AMERICA, CORP.
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Pink Pigment	Trade Secret	5.0 to 20.0
C. I. Pigment White 19	Trade Secret	3.0 to 8.0
Mica	Trade Secret	1.0 to 5.0
Titanium dioxide	Trade Secret	5.0 to 10.0
Silicon dioxide	Trade Secret	2.0 to 10.0
Ethanol	Trade Secret	0.0 to 2.0
Isopropyl alcohol	Trade Secret	0.0 to 2.0
Ethylene glycol	Trade Secret	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	3.0 to 8.0
Urethane resins	Trade Secret	5.0 to 20.0
Acrylonitrile acrylic resins	Trade Secret	1.0 to 5.0
Purified Water	Trade Secret	residual part

4. FIRST AID MEASURES**Inhalation**

Using high-boiling ink, the vapor is low and damages by inhalation are substantially negligible.

Skin contact

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Immediately rinse through with soap and water.

Stains of skin with these inks are somewhat difficult to remove.

So, attention may be paid not to stain the skin.

Eye contact

Immediately rinse the stained eye with plenty of water, and call on a physician.

Ingestion

They may be discarded the same as ordinary waste.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

Specific hazards during fire fighting

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Special protective equipment for fire fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable clothing and gloves.

Environmental precautions

At room temperature, no volatile materials are present in these inks.

Methods for cleaning up

Wipe the material with cloth and wash water.

7. HANDLING AND STORAGE**Handling**

Wear suitable protective clothing and gloves.

Storage

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

Hand protection

protective gloves

Eye protection

safety glasses with side-shields

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Nov.04.2020**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid
Colour coloured
Odour weak

Safety data

pH value not available
Boiling point/range ca. 100°C
Solubility in water soluble
Density ca. 1.1 to 1.3 g/cm³
Volatile 40 to 60 %

10. STABILITY AND REACTIVITY**Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.
It is preferable to storage ink in a cool and well ventilated place.

Hazardous reactions

no.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

The main components of this ink are pigments, ethylene glycol, resins and several additives.
Nearly these pigments are believes to be non-toxic, but much ingestion of ethylene glycol causes some damage to kidney. It is oxidized in vivo in to oxalic acid and water insoluble Ca-oxalate may be formed in kidney.

12. ECOLOGICAL INFORMATION**Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

Further ecologic data

Do not allow entrance in waters, wastewater, or soil.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Packaging

Disposal according to local authority regulations.

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Trade name: DECOFABRIC INK #F09 FL. PINKSerial No. **100622-F09**
Version **1.14**Revision Date **Nov.04.2020**
Print Date **Nov.04.2020****14. TRANSPORT INFORMATION**

Not available.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.

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Trade name: DECOFABRIC INK #F08 FL. VIOLET

Serial No. 100622-F08

Revision Date

Nov.04.2020

Version 1.14

Print Date

Nov.04.2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**Identification of the product**

Product name : #0222 DECOFABRIC INK #F08 FL. VIOLET

Company/undertaking identificationCompany : UCHIDA OF AMERICA, CORP.
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Violet Pigment	Trade Secret	5.0 to 20.0
C. I. Pigment White 19	Trade Secret	3.0 to 8.0
Mica	Trade Secret	1.0 to 5.0
Titanium dioxide	Trade Secret	5.0 to 10.0
Silicon dioxide	Trade Secret	2.0 to 10.0
Ethanol	Trade Secret	0.0 to 2.0
Isopropyl alcohol	Trade Secret	0.0 to 2.0
Ethylene glycol	Trade Secret	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	3.0 to 8.0
Urethane resins	Trade Secret	5.0 to 20.0
Acrylonitrile acrylic resins	Trade Secret	1.0 to 5.0
Purified Water	Trade Secret	residual part

4. FIRST AID MEASURES**Inhalation**

Using high-boiling ink, the vapor is low and damages by inhalation are substantially negligible.

Skin contact

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Trade name: DECOFABRIC INK #F08 FL. VIOLETSerial No. **100622-F08**

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Print Date

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Immediately rinse through with soap and water.

Stains of skin with these inks are somewhat difficult to remove.

So, attention may be paid not to stain the skin.

Eye contact

Immediately rinse the stained eye with plenty of water, and call on a physician.

Ingestion

They may be discarded the same as ordinary waste.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

Specific hazards during fire fighting

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Special protective equipment for fire fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable clothing and gloves.

Environmental precautions

At room temperature, no volatile materials are present in these inks.

Methods for cleaning up

Wipe the material with cloth and wash water.

7. HANDLING AND STORAGE**Handling**

Wear suitable protective clothing and gloves.

Storage

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

Hand protection

protective gloves

Eye protection

safety glasses with side-shields

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Trade name: DECOFABRIC INK #F08 FL. VIOLETSerial No. **100622-F08**

Revision Date

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Nov.04.2020**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid
Colour coloured
Odour weak

Safety data

pH value not available
Boiling point/range ca. 100°C
Solubility in water soluble
Density ca. 1.1 to 1.3 g/cm³
Volatile 40 to 60 %

10. STABILITY AND REACTIVITY**Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.
It is preferable to storage ink in a cool and well ventilated place.

Hazardous reactions

no.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

The main components of this ink are pigments, ethylene glycol, resins and several additives.
Nearly these pigments are believes to be non-toxic, but much ingestion of ethylene glycol causes some damage to kidney. It is oxidized in vivo in to oxalic acid and water insoluble Ca-oxalate may be formed in kidney.

12. ECOLOGICAL INFORMATION**Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

Further ecologic data

Do not allow entrance in waters, wastewater, or soil.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Packaging

Disposal according to local authority regulations.

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Trade name: DECOFABRIC INK #F08 FL. VIOLETSerial No. **100622-F08**
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Print Date **Nov.04.2020****14. TRANSPORT INFORMATION**

Not available.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.

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Trade name: DECOFABRIC INK #F05 FL. YELLOW

Serial No. 100622-F05

Revision Date

Nov.04.2020

Version 1.14

Print Date

Nov.04.2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**Identification of the product**

Product name : #0222 DECOFABRIC INK #F05 FL. YELLOW

Company/undertaking identificationCompany : UCHIDA OF AMERICA, CORP.
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Yellow Pigment	Trade Secret	5.0 to 20.0
C. I. Pigment White 19	Trade Secret	3.0 to 8.0
Mica	Trade Secret	1.0 to 5.0
Titanium dioxide	Trade Secret	5.0 to 10.0
Silicon dioxide	Trade Secret	2.0 to 10.0
Ethanol	Trade Secret	0.0 to 2.0
Isopropyl alcohol	Trade Secret	0.0 to 2.0
Ethylene glycol	Trade Secret	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	3.0 to 8.0
Urethane resins	Trade Secret	5.0 to 20.0
Acrylonitrile acrylic resins	Trade Secret	1.0 to 5.0
Purified Water	Trade Secret	residual part

4. FIRST AID MEASURES**Inhalation**

Using high-boiling ink, the vapor is low and damages by inhalation are substantially negligible.

Skin contact

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Trade name: DECOFABRIC INK #F05 FL. YELLOWSerial No. **100622-F05**

Revision Date

Nov.04.2020

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Nov.04.2020

Immediately rinse through with soap and water.

Stains of skin with these inks are somewhat difficult to remove.

So, attention may be paid not to stain the skin.

Eye contact

Immediately rinse the stained eye with plenty of water, and call on a physician.

Ingestion

They may be discarded the same as ordinary waste.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

Specific hazards during fire fighting

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Special protective equipment for fire fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable clothing and gloves.

Environmental precautions

At room temperature, no volatile materials are present in these inks.

Methods for cleaning up

Wipe the material with cloth and wash water.

7. HANDLING AND STORAGE**Handling**

Wear suitable protective clothing and gloves.

Storage

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

Hand protection

protective gloves

Eye protection

safety glasses with side-shields

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Trade name: DECOFABRIC INK #F05 FL. YELLOWSerial No. **100622-F05**

Revision Date

Nov.04.2020

Version

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Print Date

Nov.04.2020**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid
Colour coloured
Odour weak

Safety data

pH value not available
Boiling point/range ca. 100°C
Solubility in water soluble
Density ca. 1.1 to 1.3 g/cm³
Volatile 40 to 60 %

10. STABILITY AND REACTIVITY**Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.
It is preferable to storage ink in a cool and well ventilated place.

Hazardous reactions

no.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

The main components of this ink are pigments, ethylene glycol, resins and several additives.
Nearly these pigments are believes to be non-toxic, but much ingestion of ethylene glycol causes some damage to kidney. It is oxidized in vivo in to oxalic acid and water insoluble Ca-oxalate may be formed in kidney.

12. ECOLOGICAL INFORMATION**Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

Further ecologic data

Do not allow entrance in waters, wastewater, or soil.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Packaging

Disposal according to local authority regulations.

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Trade name: DECOFABRIC INK #F05 FL. YELLOWSerial No. **100622-F05**
Version **1.14**Revision Date **Nov.04.2020**
Print Date **Nov.04.2020****14. TRANSPORT INFORMATION**

Not available.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.

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Trade name: DECOFABRIC INK #F04 FL. GREENSerial No. **100622-F04**

Revision Date

Nov.04.2020Version **1.14**

Print Date

Nov.04.2020**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : #0222 DECOFABRIC INK #F04 FL. GREEN

Company/undertaking identificationCompany : UCHIDA OF AMERICA, CORP.
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Green Pigment	Trade Secret	5.0 to 20.0
C. I. Pigment White 19	Trade Secret	3.0 to 8.0
Mica	Trade Secret	1.0 to 5.0
Titanium dioxide	Trade Secret	5.0 to 10.0
Silicon dioxide	Trade Secret	2.0 to 10.0
Ethanol	Trade Secret	0.0 to 2.0
Isopropyl alcohol	Trade Secret	0.0 to 2.0
Ethylene glycol	Trade Secret	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	3.0 to 8.0
Urethane resins	Trade Secret	5.0 to 20.0
Acrylonitrile acrylic resins	Trade Secret	1.0 to 5.0
Purified Water	Trade Secret	residual part

4. FIRST AID MEASURES**Inhalation**

Using high-boiling ink, the vapor is low and damages by inhalation are substantially negligible.

Skin contact

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Trade name: DECOFABRIC INK #F04 FL. GREENSerial No. **100622-F04**

Revision Date

Nov.04.2020

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1.14

Print Date

Nov.04.2020

Immediately rinse through with soap and water.

Stains of skin with these inks are somewhat difficult to remove.

So, attention may be paid not to stain the skin.

Eye contact

Immediately rinse the stained eye with plenty of water, and call on a physician.

Ingestion

They may be discarded the same as ordinary waste.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

Specific hazards during fire fighting

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Special protective equipment for fire fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable clothing and gloves.

Environmental precautions

At room temperature, no volatile materials are present in these inks.

Methods for cleaning up

Wipe the material with cloth and wash water.

7. HANDLING AND STORAGE**Handling**

Wear suitable protective clothing and gloves.

Storage

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

Hand protection

protective gloves

Eye protection

safety glasses with side-shields

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Trade name: DECOFABRIC INK #F04 FL. GREENSerial No. **100622-F04**

Revision Date

Nov.04.2020

Version

1.14

Print Date

Nov.04.2020**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid
Colour coloured
Odour weak

Safety data

pH value not available
Boiling point/range ca. 100°C
Solubility in water soluble
Density ca. 1.1 to 1.3 g/cm³
Volatile 40 to 60 %

10. STABILITY AND REACTIVITY**Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.
It is preferable to storage ink in a cool and well ventilated place.

Hazardous reactions

no.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

The main components of this ink are pigments, ethylene glycol, resins and several additives.
Nearly these pigments are believes to be non-toxic, but much ingestion of ethylene glycol causes some damage to kidney. It is oxidized in vivo in to oxalic acid and water insoluble Ca-oxalate may be formed in kidney.

12. ECOLOGICAL INFORMATION**Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

Further ecologic data

Do not allow entrance in waters, wastewater, or soil.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Packaging

Disposal according to local authority regulations.

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Trade name: DECOFABRIC INK #F04 FL. GREENSerial No. **100622-F04**
Version **1.14**Revision Date **Nov.04.2020**
Print Date **Nov.04.2020****14. TRANSPORT INFORMATION**

Not available.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.

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Trade name: DECOFABRIC INK #F10 FL. LT. BLUESerial No. **100622-F10**

Revision Date

Nov.04.2020Version **1.14**

Print Date

Nov.04.2020**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : #0222 DECOFABRIC INK #F10 FL. LT. BLUE

Company/undertaking identificationCompany : UCHIDA OF AMERICA, CORP.
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Blue Pigment	Trade Secret	5.0 to 20.0
C. I. Pigment White 19	Trade Secret	3.0 to 8.0
Mica	Trade Secret	1.0 to 5.0
Titanium dioxide	Trade Secret	5.0 to 10.0
Silicon dioxide	Trade Secret	2.0 to 10.0
Ethanol	Trade Secret	0.0 to 2.0
Isopropyl alcohol	Trade Secret	0.0 to 2.0
Ethylene glycol	Trade Secret	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	3.0 to 8.0
Urethane resins	Trade Secret	5.0 to 20.0
Acrylonitrile acrylic resins	Trade Secret	1.0 to 5.0
Purified Water	Trade Secret	residual part

4. FIRST AID MEASURES**Inhalation**

Using high-boiling ink, the vapor is low and damages by inhalation are substantially negligible.

Skin contact

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Trade name: DECOFABRIC INK #F10 FL. LT. BLUESerial No. **100622-F10**

Revision Date

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Print Date

Nov.04.2020

Immediately rinse through with soap and water.

Stains of skin with these inks are somewhat difficult to remove.

So, attention may be paid not to stain the skin.

Eye contact

Immediately rinse the stained eye with plenty of water, and call on a physician.

Ingestion

They may be discarded the same as ordinary waste.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

Specific hazards during fire fighting

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Special protective equipment for fire fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable clothing and gloves.

Environmental precautions

At room temperature, no volatile materials are present in these inks.

Methods for cleaning up

Wipe the material with cloth and wash water.

7. HANDLING AND STORAGE**Handling**

Wear suitable protective clothing and gloves.

Storage

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

Hand protection

protective gloves

Eye protection

safety glasses with side-shields

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Trade name: DECOFABRIC INK #F10 FL. LT. BLUESerial No. **100622-F10**

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Nov.04.2020**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid
Colour coloured
Odour weak

Safety data

pH value not available
Boiling point/range ca. 100°C
Solubility in water soluble
Density ca. 1.1 to 1.3 g/cm³
Volatile 40 to 60 %

10. STABILITY AND REACTIVITY**Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.
It is preferable to storage ink in a cool and well ventilated place.

Hazardous reactions

no.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

The main components of this ink are pigments, ethylene glycol, resins and several additives.
Nearly these pigments are believes to be non-toxic, but much ingestion of ethylene glycol causes some damage to kidney. It is oxidized in vivo in to oxalic acid and water insoluble Ca-oxalate may be formed in kidney.

12. ECOLOGICAL INFORMATION**Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

Further ecologic data

Do not allow entrance in waters, wastewater, or soil.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Packaging

Disposal according to local authority regulations.

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Trade name: DECOFABRIC INK #F10 FL. LT. BLUESerial No. **100622-F10**
Version **1.14**Revision Date **Nov.04.2020**
Print Date **Nov.04.2020****14. TRANSPORT INFORMATION**

Not available.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.

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Trade name: DECOFABRIC INK #F07 FL. ORANGE

Serial No. 100622-F07

Revision Date

Nov.04.2020

Version 1.14

Print Date

Nov.04.2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**Identification of the product**

Product name : #0222 DECOFABRIC INK #F07 FL. ORANGE

Company/undertaking identificationCompany : UCHIDA OF AMERICA, CORP.
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Orange Pigment	Trade Secret	5.0 to 20.0
C. I. Pigment White 19	Trade Secret	3.0 to 8.0
Mica	Trade Secret	1.0 to 5.0
Titanium dioxide	Trade Secret	5.0 to 10.0
Silicon dioxide	Trade Secret	2.0 to 10.0
Ethanol	Trade Secret	0.0 to 2.0
Isopropyl alcohol	Trade Secret	0.0 to 2.0
Ethylene glycol	Trade Secret	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	3.0 to 8.0
Urethane resins	Trade Secret	5.0 to 20.0
Acrylonitrile acrylic resins	Trade Secret	1.0 to 5.0
Purified Water	Trade Secret	residual part

4. FIRST AID MEASURES**Inhalation**

Using high-boiling ink, the vapor is low and damages by inhalation are substantially negligible.

Skin contact

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Immediately rinse through with soap and water.

Stains of skin with these inks are somewhat difficult to remove.

So, attention may be paid not to stain the skin.

Eye contact

Immediately rinse the stained eye with plenty of water, and call on a physician.

Ingestion

They may be discarded the same as ordinary waste.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

Specific hazards during fire fighting

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Special protective equipment for fire fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable clothing and gloves.

Environmental precautions

At room temperature, no volatile materials are present in these inks.

Methods for cleaning up

Wipe the material with cloth and wash water.

7. HANDLING AND STORAGE**Handling**

Wear suitable protective clothing and gloves.

Storage

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

Hand protection

protective gloves

Eye protection

safety glasses with side-shields

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Nov.04.2020**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid
Colour coloured
Odour weak

Safety data

pH value not available
Boiling point/range ca. 100°C
Solubility in water soluble
Density ca. 1.1 to 1.3 g/cm³
Volatile 40 to 60 %

10. STABILITY AND REACTIVITY**Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.
It is preferable to storage ink in a cool and well ventilated place.

Hazardous reactions

no.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

The main components of this ink are pigments, ethylene glycol, resins and several additives.
Nearly these pigments are believes to be non-toxic, but much ingestion of ethylene glycol causes some damage to kidney. It is oxidized in vivo in to oxalic acid and water insoluble Ca-oxalate may be formed in kidney.

12. ECOLOGICAL INFORMATION**Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

Further ecologic data

Do not allow entrance in waters, wastewater, or soil.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Packaging

Disposal according to local authority regulations.

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Not available.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.