

SAFETY DATA SHEET

According to EC Directive 91/155/EEC

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Trade name: DECOFABRIC INK #F10 FL. LT. BLUE

Serial No. 100622-F10

Revision Date

July.29.2015

Version 1.13

Print Date

July.29.2015

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 YOKO GLOBAL LIMITED
3-9, Shinkawa 2-Chome, Chuo-ku, Tokyo JAPAN

Telephone : +81-(0) 3-3555-4782

Telefax : +81-(0) 3-3555-6423

Emergency telephone number : +81-(0) 3-3555-4782

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Blue Pigment		5.0 to 20.0
C. I. Pigment White 19	1332-58-7	3.0 to 8.0
Mica	12001-26-2	1.0 to 5.0
Titanium dioxide	13463-67-7	5.0 to 10.0
Silicon dioxide	7631-86-9	2.0 to 10.0
Ethanol	64-17-5	< 2.0
Isopropyl alcohol	67-63-0	< 2.0
Ethylene glycol	107-21-1	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	68439-50-9, 69011-36-5	3.0 to 8.0
Urethane resins		5.0 to 20.0
Acrylonitrile acrylic resins		1.0 to 5.0
Purified Water	7732-18-5	residual part

4. FIRST AID MEASURES**Inhalation**

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

Skin contact

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.

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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

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/cm ³
Volatile	40 to 60 %

10. STABILITY AND REACTIVITY

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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.

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. GREEN

Serial No. 100622-F04

Revision Date

July.29.2015

Version 1.13

Print Date

July.29.2015

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 YOKO GLOBAL LIMITED
3-9, Shinkawa 2-Chome, Chuo-ku, Tokyo JAPAN

Telephone : +81-(0) 3-3555-4782

Telefax : +81-(0) 3-3555-6423

Emergency telephone number : +81-(0) 3-3555-4782

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Green Pigment		5.0 to 20.0
C. I. Pigment White 19	1332-58-7	3.0 to 8.0
Mica	12001-26-2	1.0 to 5.0
Titanium dioxide	13463-67-7	5.0 to 10.0
Silicon dioxide	7631-86-9	2.0 to 10.0
Ethanol	64-17-5	< 2.0
Isopropyl alcohol	67-63-0	< 2.0
Ethylene glycol	107-21-1	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	68439-50-9, 69011-36-5	3.0 to 8.0
Urethane resins		5.0 to 20.0
Acrylonitrile acrylic resins		1.0 to 5.0
Purified Water	7732-18-5	residual part

4. FIRST AID MEASURES**Inhalation**

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

Skin contact

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.

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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

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/cm ³
Volatile	40 to 60 %

10. STABILITY AND REACTIVITY

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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.

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

July.29.2015

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Print Date

July.29.2015

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 YOKO GLOBAL LIMITED
3-9, Shinkawa 2-Chome, Chuo-ku, Tokyo JAPAN

Telephone : +81-(0) 3-3555-4782

Telefax : +81-(0) 3-3555-6423

Emergency telephone number : +81-(0) 3-3555-4782

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Yellow Pigment		5.0 to 20.0
C. I. Pigment White 19	1332-58-7	3.0 to 8.0
Mica	12001-26-2	1.0 to 5.0
Titanium dioxide	13463-67-7	5.0 to 10.0
Silicon dioxide	7631-86-9	2.0 to 10.0
Ethanol	64-17-5	< 2.0
Isopropyl alcohol	67-63-0	< 2.0
Ethylene glycol	107-21-1	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	68439-50-9, 69011-36-5	3.0 to 8.0
Urethane resins		5.0 to 20.0
Acrylonitrile acrylic resins		1.0 to 5.0
Purified Water	7732-18-5	residual part

4. FIRST AID MEASURES**Inhalation**

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

Skin contact

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.

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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

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

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Serial No. 100622-F05

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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.

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

July.29.2015

Version 1.13

Print Date

July.29.2015

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 YOKO GLOBAL LIMITED
3-9, Shinkawa 2-Chome, Chuo-ku, Tokyo JAPAN

Telephone : +81-(0) 3-3555-4782

Telefax : +81-(0) 3-3555-6423

Emergency telephone number : +81-(0) 3-3555-4782

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Orange Pigment		5.0 to 20.0
C. I. Pigment White 19	1332-58-7	3.0 to 8.0
Mica	12001-26-2	1.0 to 5.0
Titanium dioxide	13463-67-7	5.0 to 10.0
Silicon dioxide	7631-86-9	2.0 to 10.0
Ethanol	64-17-5	< 2.0
Isopropyl alcohol	67-63-0	< 2.0
Ethylene glycol	107-21-1	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	68439-50-9, 69011-36-5	3.0 to 8.0
Urethane resins		5.0 to 20.0
Acrylonitrile acrylic resins		1.0 to 5.0
Purified Water	7732-18-5	residual part

4. FIRST AID MEASURES**Inhalation**

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

Skin contact

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.

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Serial No. 100622-F07

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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

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/cm ³
Volatile	40 to 60 %

10. STABILITY AND REACTIVITY

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July.29.2015**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.

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 #F09 FL. PINK

Serial No. 100622-F09

Revision Date

July.29.2015

Version 1.13

Print Date

July.29.2015

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 YOKO GLOBAL LIMITED
3-9, Shinkawa 2-Chome, Chuo-ku, Tokyo JAPAN

Telephone : +81-(0) 3-3555-4782

Telefax : +81-(0) 3-3555-6423

Emergency telephone number : +81-(0) 3-3555-4782

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Pink Pigment		5.0 to 20.0
C. I. Pigment White 19	1332-58-7	3.0 to 8.0
Mica	12001-26-2	1.0 to 5.0
Titanium dioxide	13463-67-7	5.0 to 10.0
Silicon dioxide	7631-86-9	2.0 to 10.0
Ethanol	64-17-5	< 2.0
Isopropyl alcohol	67-63-0	< 2.0
Ethylene glycol	107-21-1	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	68439-50-9, 69011-36-5	3.0 to 8.0
Urethane resins		5.0 to 20.0
Acrylonitrile acrylic resins		1.0 to 5.0
Purified Water	7732-18-5	residual part

4. FIRST AID MEASURES**Inhalation**

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

Skin contact

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.

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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

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/cm ³
Volatile	40 to 60 %

10. STABILITY AND REACTIVITY

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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.

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

July.29.2015

Version 1.13

Print Date

July.29.2015

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 YOKO GLOBAL LIMITED
3-9, Shinkawa 2-Chome, Chuo-ku, Tokyo JAPAN

Telephone : +81-(0) 3-3555-4782

Telefax : +81-(0) 3-3555-6423

Emergency telephone number : +81-(0) 3-3555-4782

Use of the substance/preparation

: For markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Violet Pigment		5.0 to 20.0
C. I. Pigment White 19	1332-58-7	3.0 to 8.0
Mica	12001-26-2	1.0 to 5.0
Titanium dioxide	13463-67-7	5.0 to 10.0
Silicon dioxide	7631-86-9	2.0 to 10.0
Ethanol	64-17-5	< 2.0
Isopropyl alcohol	67-63-0	< 2.0
Ethylene glycol	107-21-1	5.0 to 10.0
Nonionic Surfactant (Not contain Nonyl phenol)	68439-50-9, 69011-36-5	3.0 to 8.0
Urethane resins		5.0 to 20.0
Acrylonitrile acrylic resins		1.0 to 5.0
Purified Water	7732-18-5	residual part

4. FIRST AID MEASURES**Inhalation**

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

Skin contact

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.

SAFETY DATA SHEET

According to EC Directive 91/155/EEC

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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

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

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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.

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.