MSDS for #02824 - DECEBRC MRKR 223 SRS

. –	DATA SHEET 2: DECOFABRIC I	According to EC Direct NK #08 VIOLET (#2		page. 1/3
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING Identification of the product

Product name

: DECOFABRIC INK #08 VIOLET (#222, #223)

Company/undertaking identification

Company	: 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%)
C. I. Pigment Violet 23	Trade Secret	2.0 to 5.0
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
Propylene glycol	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** 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

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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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

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 %

According to EC Directive 91/155/EEC

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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.

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.