#### MSDS for #02824 - DECEBRC MRKR 223 SRS

. –	DATA SHEET e: decofabric ii	According to EC Direct NK #0 WHITE (#222		page. 1/4
Serial No.	100622-00	Revision Date	Nov.04.2020	
Version	1.14	Print Date	Nov.04.2020	
version	1.17	Tim Date	1101.04.2020	
	ON OF THE SUBSTANCE	C/PREPARATION AND TH		DERTAKIN

### Company/undertaking identification

1 1 0	
Company	: UCHIDA OF AMERICA, CORP.
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#### Use of the substance/preparation

: For markers.

#### 2. HAZARDS IDENTIFICATION

Not applicable.

#### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	CAS#	Content (wt%)
Mica	Trade Secret	5.0 to 10.0
Titanium dioxide	Trade Secret	5.0 to 30.0
Silicon dioxide	Trade Secret	2.0 to 5.0
Ethanol	Trade Secret	2.0 to 5.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	1.0 to 5.0
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

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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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	liquid

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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

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

#### **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.

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#### **16. OTHER INFORMATION**

Keep out reach of baby or children. For further information, please contact us.