SAFETY DATA SHEET

According to EC Directive 91/155/EEC page. 1/4

Trade name: LEPEN INK No.2 Red

Serial No.	**150727-14**	Revision Date	**Nov.18.2020**
Version	**1.1**	Print Date	**Nov.18.2020**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the product

Product name : LEPEN INK No.2 Red

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. Acid Yellow 42	Trade Secret	2.0 to 3.0
C. I. Acid Red 87	Trade Secret	4.0 to 5.0
C. I. Acid Red 52	Trade Secret	0.3 to 0.5
C. I. Acid Red 92	Trade Secret	1.0 to 1.5
Ethylene Glycol	Trade Secret	15.0 to 20.0
Diethylene glycol	Trade Secret	4.0 to 5.0
Nonionic Surfactant (Not contain Nonyl phenol)	Trade Secret	1.0 to 2.0
Purified Water	Trade Secret	residual part

4. FIRST AID MEASURES

Inhalation

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

Skin contact

Immediately rinse through with soap and water.

Eye contact

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

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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. Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

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

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Form	liquid
Colour	coloured
Odour	non
Safety data	
pH value	not available
Boiling point/range	ca. 100℃
Solubility in water	soluble
Density	ca. 1.0 to 1.1 g/cm3
Volatile	30 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 these inks are Diethylene glycol, and several additives.
Diethylene Glycol causes some damage to 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.