

<b>SAFETY DATA SHEET</b>		According to EC Directive 91/155/EEC	page. 1/3
<b>Trade name: WATERPROOF INK</b>			
Serial No.	#4300 . -ALL COLORS	Revision Date	Dec.04.2014
Version	1.0	Print Date	Dec.04.2014

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

Product name : WATERPROOF INK .

**Company/undertaking identification**

Company : UCHIDA OF AMERICA, CORP.  
 3535 DEL AMO BLVD. TORRANCE, CALIFORNIA 90503

Telephone : (800) 541-5877  
 Telefax : (800) 229-7017

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	Content (wt%)
C. I. Basic Green 4	1.0 to 2.0
C. I. Basic Violet 1	1.5 to 2.5
C. I. Basic Orange 2	1.5 to 2.5
Ethylene Glycol	35.0 to 45.0
Nonionic Surfactant (Not contain Nonyl phenol)	< 1.0
Purified Water	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.

**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

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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**

Form	liquid
Colour	coloured
Odour	non

**Safety data**

pH value	not available
Boiling point/range	ca. 100°C
Solubility in water	soluble
Density	ca. 1.0 to 1.1 g/cm <sup>3</sup>
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.

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**Hazardous reactions**

no.

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**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.