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**MATERIAL SAFETY DATA SHEET**


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**1. PRODUCT & COMPANY IDENTIFICATION****• PRODUCT NAME**

Xstamper Ink X-200

(Black, Red, Green, Blue, Purple, Pink, Yellow, Orange)

**• NAME OF MANUFACTURER/SUPPLIER**

Shachihata Inc.

**• NAME OF SECTION**

Research and Development Dept.

**• ADDRESS**

4-69,Amazuka-chou,Nishi-ku,Nagoya-shi,Aichi-ken,Japan

**• TELEPHONE NUMBER**

(800) 424-9300 – 24 hour emergency contact

(310) 530-4445 – During business hours

052/521/1466 – Shachihata Inc., Japan

**• FAX NUMBER**

(310) 530-2892 – During business hours

052/521/1468 – Shachihata Inc., Japan

**2. COMPOSITION / INFORMATION ON INGREDIENTS****•SUBSTANCE / MIXTURE**

Mixture

**•INGREDIENTS**

CHEMICAL OR COMMON NAME(S)	CAS NO.	INGREDIENTS(wt.%)
Castor Oil Derivative	—	40 ~ 60
Ethyl alcohol	64-17-5	5 ~ 15
Glycohol Ether Group	—	5 ~ 15
Alcohol Group	—	5 ~ 15
Synthetic Resin	—	5 ~ 15
Synthetic Dye	—	5 ~ 15
		100

**3. HAZARDS IDENTIFICATION****•CLASS NAME OF HAZARDS CHEMICALS FOR MSDS IN JAPAN**

Flammable liquids

**• PHYSICAL AND CHEMICAL HAZARDS**

Flammable liquids

**•ADVERSE HUMAN HEALTH HAZARDS**

Harmful in contact with eye or swallowed.

**4. FIRST-AID MEASURES****• EYE CONTACT**

Immediately flush with plenty of water.

See medical advice immediately.

**• SKIN CONTACT**

Wipe off with dry cloth and wash with mild soap.

**• INHALATION**

Move to well ventilated place.

- **INGESTION** See medical advice immediately.

[MSDS NO. EX5003E-000 ]

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## **5. FIRE-FIGHTING MEASURES**

- **SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES**  
In case of fire, use foam dry chemicals.
- **EXTINGUISHING MEDIA**  
Dry chemical powder, foam or carbon dioxide.

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## **6. ACCIDENTAL RELEASE MEASURES**

Wipe off with dry cloth.

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## **7. HANDLING AND STORAGE**

- **HANDLING**
  - Use only in the well-ventilated areas.
  - Avoid contact with skin or eyes.
  - Avoid inhalation and ingestion.
  - Avoid high temp. and fire.
- **STORAGE**
  - Store in a cool and dry location.
  - Keep bottle tightly closed.
  - Keep away from heat or sunlight.

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## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

- **CONTROL PARAMETERS**  
[ Ethyl alcohol]  
ACGIH TLV TWA 1000ppm(1880mg/m<sup>3</sup>)  
OSHA PEL 1000ppm(1900mg/m<sup>3</sup>)
- **ENGINEERING MEASURES**  
Not required.
- **PERSONAL PROTECTIVE EQUIPMENT**  
Not required.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

- **APPEARANCE AND ODOR** Liquid, minor solvent odor.
- **DENSITY(g/cm<sup>3</sup>)** 1.0
- **BOILING POINT** No data available
- **VOLATILE(wt.%)** 5~10
- **SOLUBILITY IN WATER** Insoluble

**10. PHYSICAL HAZARD(STABILITY AND REACTIVITY)**

- FLASH POINT 40 (closed cup)
- AUTOIGNITION TEMPERATURE 380
- EXPLOSION LIMIT No data available.

**11. TOXICOLOGICAL INFORMATION****•ACUTE TOXICITY**

[ Ethyl alcohol ]

Oral	LD <sub>50</sub>	(rat)	7,060 mg/Kg
Inhalation	LC <sub>50</sub>	(rat)	20,000 ppm/10H

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATION**

Disposal as usual industrial waste goods, soak up with absorbent materials follow all regulations in your country.

**14. TRANSPORT INFORMATION**

Follow all regulations in your country.  
UN NUMBER 1210  
UN CLASS 3.3(Flammable liquids)

**15. REGULATORY INFORMATION**

Follow all regulations in your country.

**16. OTHER INFORMATION**

The information herein is given in good faith, but no warranty, express or implied, is made.