
MATERIAL SAFETY DATA SHEET

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]

DATE Oct.19,2001 p. 2/ 3

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.

6. ACCIDENTAL RELEASE MEASURES

Wipe off with dry cloth.

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.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- **CONTROL PARAMETERS**

[Ethyl alcohol]
ACGIH TLV TWA 1000ppm(1880mg/m³)
OSHA PEL 1000ppm(1900mg/m³)

- **ENGINEERING MEASURES**

Not required.

- **PERSONAL PROTECTIVE EQUIPMENT**

Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **APPEARANCE AND ODOR**

Liquid, minor solvent odor.

• **DENSITY(g/cm³)** 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 ₅₀	(rat)	7,060 mg/Kg
Inhalation	LC ₅₀	(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.