

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT & COMPANY IDENTIFICATION

• **PRODUCT NAME**

Xstamper® Refill Ink (Red, Black, blue, Green, Purple, Orange, Light Blue, Light Green, Yellow, Pink and Brown)

- **NAME OF SUPPLIER:** Shachihata Inc.
- **NAME OF DEPARTMENT:** Product Development Department
- **ADDRESS:** 1661 W. 240th Street, Harbor City, CA 90710 USA
- **TELEPHONE NUMBER:** (800) 424-9300 - 24 hour emergency contact
(310) 530-4445 - During business hours
- **FAX NUMBER:** (310) 530-2892

CHEMICAL NAME: Ink Mixture
CHEMICAL FAMILY: Ink Mixture
FORMULA: Proprietary
MOLECULAR WEIGHT: N/A

SECTION 2. HAZARDS IDENTIFICATION

CLASS NAME OF HAZARDS FOR MSDS IN JAPAN

Flammable Liquids

PHYSICAL AND CHEMICAL HAZARDS

Flammable Liquids

ADVERSE HUMAN HEALTH HAZARDS

Harmful in contact with eyes or swallowed

SECTION 3: COMPOSITION/HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	PEL	CAS NO
Castor Oil Derivative	40-60	-----	-----
Glycohol Ether Group	5-15	-----	-----
Alcohol Group	5-15	-----	-----
Synthetic Resin	5-15	-----	-----
Synthetic Dye	5-15	-----	-----
Ethyl Alcohol	5-15	1000ppm	64-17-5

SECTION 4: TOXICOLOGICAL INFORMATION

Acute Toxicity (Ethyl Alcohol)

Oral: LD50 (rat) 7,060 mg/Kg
Inhalation: LD50 (rat) 20,000 ppm/10H

SECTION 5: PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: No data available
Melting Point: No data available
Vapor Density: 1.0 g/cm³
Specific Gravity: No data available
Solubility in Water: Insoluble in water
Auto Ignition: 380° C
Vapor Pressure: <1 mm hg
Appearance & Odor: Mobile Liquid Solvent, Mild Odor

SECTION 5: PHYSICAL & CHEMICAL CHARACTERISTICS CONTINUED

Appearance & Odor: VOC: 35.84 GMS/Liter

Volatile (wt.%): 5~10

LEL/UEL %: 1.5 14.0

Flash Point: 40° CM

Method: Closed Cup

SECTION 6: FIRE & EXPLOSION DATA

Extinguishing Media: Dry chemical power

Extinguishing Media: Foam

Extinguishing Media: Carbon Dioxide

Special Fire Procedures: Wear self-contained breathing apparatus

Special Fire Procedures: Wear protective clothing and equipment

Unusual Hazards: Wear suitable eye protection to prevent eye contact

SECTION 7: REACTIVITY DATA

Stable, Y=Yes, N=No: Y

Conditions to Avoid: Heat, sparks and open flame

Incompatibility: Strong oxidizing agents

Hazardous Decomposition: Burning will produce CO₂ and/or CO

Hazardous Polymerization: No Data Available

Control Parameters (Ethyl Alcohol):	ACGIH	TLV	TWA	1000ppm (1880 mg/m ³)
	OSHA	PEL		1000ppm (1900 mg/m ³)

SECTION 8: HEALTH HAZARDS

Acute: Headache, Nausea, Vomiting

Chronic: Skin and eye irritant

Signs & Symptoms of Exposure: Headache, nausea, vomiting

Signs & Symptoms of Exposure: Breathing difficulties

Signs & Symptoms of Exposure: Weakness

Signs & Symptoms of Exposure: irritation to eyes, nose & respiratory tract

Medical Conditions aggravated: No data available

Is chemical listed as carcinogen or potential carcinogen: No Data Available

First Aid for Inhalation: Remove to fresh air if overcome by vapor

First Aid for Eyes: Irrigate with clean water and seek medical advice immediately

First Aid for Skin: Wipe off with dry cloth. Wash with soap and water; change clothing

First Aid for Ingestion: Seek medical advice immediately

First Aid for Ingestion: Induce vomiting; call doctor

Routes of entry for inhalation: Avoid prolonged breathing of vapors

Routes of entry for eyes: Avoid contact with the eyes

Routes of entry for skin: Avoid repeated or prolonged skin contact

Routes of entry for ingestion: Do not take internally

SECTION 9: SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

Handling & Storage: Keep container tightly closed when not in use

Handling & Storage: Keep in a cool, dry location

Handling & Storage: Use only in well ventilated areas

Handling & Storage: Avoid prolonged breathing of vapors

Handling & Storage: Keep away from heat, flame and sunlight

Steps If Spilled: Remove sources of ignition; ventilate

Steps if spilled: Contain & cover spill with an absorbent

Steps if spilled: Do not allow spill to enter waterways

SECTION 9: SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES CONTINUED

Waste Disposal: Dispose as usual industrial waste, soak up with absorbent materials

Waste Disposal: Must conform to local, state & federal regulations

SECTION 10: SPECIAL PROTECTION INFORMATION

Respiratory Protection: General room ventilation is adequate

Ventilation: Provide adequate cross air circulation

Local Exhaust: Preferable

Mechanical: Acceptance

Special: NIOSH Approved respirator for high vapor

Protective Gloves: Chemical impervious

Eye Protection: Splash glasses

Other Protection: Eyewash station

Work/Hygienic Practices: Practice reasonable care & caution when using ink.

SPECIAL MESSAGE SECTION:

The hazards listed on this MSDS are taken from the MSDS for each of the ingredients in this mixture. In most cases, the maximum form of hazard is represented here. The TLV's represent the conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. It must be remembered that each individual reacts differently and some may experience discomfort while others do not. This MSDS is presented so that each individual will have the information to deal safely with the use of this product. All materials TSCA listed.

DISCLAIMER SECTION:

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