

## MATERIAL SAFETY DATA SHEET

### **SECTION 1. PRODUCT & COMPANY IDENTIFICATION**

• PRODUCT NAME

Sparco® Refill Ink (Red, Black, Blue)

• NAME OF SUPPLIER: Shachihata Inc.

• NAME OF DEPARTMENT: Product Development Department

• ADDRESS: 1661 W. 240<sup>th</sup> 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**

PERCENT	PEL	CAS NO
40-60		
5-15		
5-15		
5-15		
5-15		
5-15	1000ppm	64-17-5
	40-60 5-15 5-15 5-15 5-15	40-60 5-15 5-15 5-15

### **SECTION 4: TOXILOGICAL 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 Alchol): ACGIH TLV TWA 1000ppm (1880 mg/m³)

OSHA PEL 1000ppm (1900 mg/m<sup>3</sup>)

# SECTION 8: HEALTH HAZARDS Acute: Headache, Nausea, Vomiting

Chronic: Skin and eve 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

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.

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