



Material Safety Data Sheet Proofing Ink - WHITE

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Section 1 General Information

Manufacturer

MosstypE Corporation
150 Franklin Turnpike
Waldwick, NJ 07463

Emergency Telephone Number

1 800 255 3924 (Chem-Tel)

Technical & MSDS Information

201-444-8000

Preparation Date

4/2014

Applicable Products:

Proofing Ink – White

Product Identification

7640 0403 30

HMIS Rating:

Health = 2

Fire = 1

Reactivity = 0

Protective Equipment = B

Section 2 Information on Hazardous Ingredients/ SARA III

| Chemical Name | CAS # | Vapor Pressure mm Hg @ Temp | | Weight Percent |
|---|-----------|--------------------------------|--------|----------------|
| Diethylene Glycol LD50 : 12,565 mg/kg (oral rat) LD50 : 11.89 g/kg (skin rabbit) | 111-46-6 | 1 | 91.8 C | 6. |
| *Ethylene Glycol HAPS TLV: 50ppm; 127 mg/m3 as CEILING (ACGIH 1993-1994) | 107-21-1 | .06 | 20 C | 6. |
| Kaolin OSHA : 15/mg/m3 - Total Dust OSHA : 5 mg/m3 – Respirable Dust ACGIH : 2 mg/m3 – Respirable Dust LD50 Oral (rat) > 5000 mg/kg LD50 Dermal (rat) > 5000 mg/kg | 1332-58-7 | 760 | 21 C | 5. |
| Monoethanolamine LD50 (oral) Rat 1720 mg/kg LD50 (oral) Mouse 700 mg/kg LD50 (skin) Rabbit 1000 mg/kg Corrosive | 141-43-5 | .40 | 68 F | 4. |

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 and/or listed under Prop 65 as of 6/19/09. Please note concentration may vary.

Section 3 Physical/Chemical Characteristics

Boiling point: Unknown

Vapor Density: Heavier than air

Evaporation Rate: Slower than Ether

Coating V.O.C.: 3.311 lb/gl

Solubility in Water: Soluble

Appearance and odor: Semi paste material with slight ammonical odor.

Specific Gravity (H2O = 1) : 1.591

Density: 13.254 lb/gl

Material V.O.C.: 2.115 lb/gl

V.O. C. Grams/ Liter: 253 g/l

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Section 4 Fire and Explosion Hazard Data

Flash Point: Unknown

Method Used: Unknown

Flammable Limits in Air by Volume- Lower: Unknown Upper: Unknown

Extinguishing Media:

Use dry chemicals; CO₂; Water spray or Alcohol resistant foam.

Special Firefighting Procedures:

Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Unusual Fire and Explosion Hazards:

Use water spray to cool unopened containers. Excessive heat may cause closed containers to explode. Remain upwind and avoid breathing smoke.

Section 5 Reactivity Data

Stability:

Product is stable.

Conditions to Avoid:

Excessive Heat.

Incompatibility (Materials to Avoid):

Avoid contamination with strong oxidizing agents and acids. Do not mix contents with other materials without first consulting manufacturer.

Hazardous Decomposition or Byproducts:

None known.

Hazardous Polymerization:

Will not occur.

Section 6 Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure:

Inhalation of vapors may cause irritation of the nasal passages. Remove to fresh air. If symptoms develop, seek medical attention.

Skin and Eye Contact Health Risks and Symptoms of Exposure:

Eye Contact: Contact with the eyes causes irritation and redness, flush eyes with water. If irritation develops, consult a physician.

Skin irritation may develop.

Skin Absorption Health Risks and Symptoms of Exposure:

Repeated and/or prolonged contact with the skin may cause skin irritation and/or dermatitis. Wash affected area with mild soap and water. If irritation develops, consult a physician.

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Ingestion Health Risks and Symptoms of Exposure:

Small ingested amounts are not expected to produce adverse health effects. Large ingested amounts should be removed from stomach by induced vomiting or aspiration. Call a physician.

Health Hazards (Acute and Chronic):

Warning: This product contains trace amounts of the following chemicals known to the state of California to cause cancer.

Nickel

Cobalt Metal Powder

Carcinogenicity: NTP Carcinogen: No IARC Monographs: No OSHA Regulated: Yes

Medical Conditions Generally Aggravated by Exposure:

Can cause moderate eye irritation, if ingested, nausea, and can be irritating to the respiratory tract.

Emergency and First Aid Procedures:

Inhalation: Consult physician if irritation of respiratory passages occurs. Eye Contact: Flush with water for 15 minutes. Consult physician if irritation continues. Skin Contact: Wash with soap and water. Consult physician if irritation continues. Ingestion: If person is conscious, give water or milk to dilute stomach contents.

Section 7 Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

Stop discharge and contain spill using a dike or barrier. Use an absorbent such as Fuller's earth, clay or other appropriate material. DO NOT flush to sewer, stream or other bodies of water unless authorized by Government Official.

Waste Disposal Method:

DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storing:

Store in cool, dry ventilated area. Avoid excessive heat. Always keep containers tightly closed when not in use. Wear approved eye goggles and gloves when handling.

Other Precautions:

EMPTY CONTAINER PRECAUTIONS: This container is hazardous when empty. DO NOT use heat, sparks, open flames, torches or cigarettes on or near empty container. Empty containers can retain product residue. DO NOT flush contents or rinsed contents down a sewer or drainage. DO NOT reuse empty container for food, clothing, or products for human or animal consumption or where skin contact may occur.

Section 8 Control Measures

Respiratory Protection:

Avoid breath vapor and/or mist. Respiratory protection programs must be in compliance with 29 CFR 1910.134.

Ventilation:

Provide adequate ventilation.

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Protective gloves:

Wear appropriate non-absorbent vinyl or rubber gloves to help prevent and minimize skin contact.

Eye protection:

Wear appropriate eye protection to minimize eye contact with material.

Other Protective Clothing or Equipment:

To minimize skin contact, wear non-absorbent, water repelling clothing and boots.

Work/Hygenic Practices:

Wash thoroughly after handling. Normal hygiene practices should be observed.

Section 9

Disclaimer

Disclaimer: The information provided herein is presented in good faith and complies with the OSHA Hazard Communication Standard, 29 CFR 1910.1200(g). Nothing contained herein constitutes a specification nor does it guarantee warranty for said product.