

MATERIAL SAFETY DATA SHEET**I. CHEMICAL PRODUCT AND MANUFACTURERS INFORMATION**

Manufacturer: IMRAE Corporation
Lake Elsinore, CA 92532

Product Trade Name: CoatMasters®, CM4007

Revision: 11/2006

Emergency Telephone: 8:00 AM – 5:00 PM PST Monday-Friday (951) 413-0240
CHEMTREC: (800) 424-9300 – After business hours

Chemical Family: Silicone emulsion formula based on aqueous system of alkylated alkoxy silane.

HMIS:

| | | | | | |
|--------------|---|------------|---|--------|---|
| Flammability | 0 | Reactivity | 0 | Health | 2 |
|--------------|---|------------|---|--------|---|

NFPA:

| | | | | | |
|--------------|---|------------|---|--------|---|
| Flammability | 0 | Reactivity | 0 | Health | 2 |
|--------------|---|------------|---|--------|---|

II. HAZARDOUS INGREDIENTS DATA

| Chemical Name | CAS Reg No. | Wt% | ACGIH (TLV/TWA) | OSHA (PEL/TWA) | NFPA |
|----------------------------------|-------------|------|-----------------|-----------------|-------|
| Potassium Hydroxide | 1310-58-3 | < 5% | No values found | No values found | 1,0,0 |
| Methylsilanetriol Potassium Salt | 31795-24-1 | < 5% | No values found | No values found | 1,0,0 |

PEL-OSHA Permissible Exposure Limit; TLV –ACGIH Threshold Limit Value – TWA Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA effective June 30,1993. See 29 CFR 1910.1000 (58 FR 35338)

EMERGENCY OVERVIEW: May cause eye irritation, not for human injection.

POTENTIAL HEALTH EFFECTS:

Ingestion: Harmful if swallowed

Skin: May cause a moderate rash and itching, and moderate skin irritation

Inhalation: No toxic emissions when used under good ventilation.

Eyes: May cause blurriness, redness, tearing, and severe eye irritation

Sub Chronic: Liver and kidney damage, this product contains ethyl alcohol if take can cause birth defects.

Chronic Effects / Carcinogenicity: This product or any of its ingredients present at < 0.1-0.5% in NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA

Routes of Exposure: Eyes

III. FIRST AID MEASURES

Eye Contact: If affected eyes, flush with plenty of water for atleast 10 minutes. If irritation persists, seek medical attention.

Inhalation: None known effects.

Ingestion: If ingested safely induce vomiting and seek physician.

Skin Contact: Wash with plenty of water, and soap affected areas. If irritation persists, seek medical attention.

IV. FIRE FIGHTING AND REACTIVITY

| | |
|--|---|
| Flash Point: | >90 °C; 194 °F |
| Method: | DIN 51758 |
| Ignition Temperature: | 246 °C; 550 °F |
| Flammable Limits in (Upper % and Lower %): | Unknown |
| Stability | None reactive, will hydrolyze non-hazardous substance |
| Hazardous Polymerization: | Will not occur |
| Hazardous Thermal Decomposition: | Carbon Dioxide; Carbon Monoxide; Silicon Dioxide |

IV. HANDLING AND STORAGE

Keep container tightly closed, and practice safe handling techniques on lifting.

Stir well before using.

Keep away from children.

Store at room temperature, and avoid freezing 0 °C / 32 °F

V. PERSONAL PROTECTION AND SPILL PROCEDURES

Eye and Face Protection: Wear safety glasses with side shields. Use splash resistant goggles for varying wind conditions.

Skin Protection: Chemically resistant gloves, minimum standard latex gloves.

Work Conditions: Ensure proper ventilation area, when not possible use approved NIOSH respirator to avoid possible inhalation.

Keep away from children.

Store at room temperature, and avoid freezing 0 °C / 32 °F

If accidentally released or spilled, immediately wipe, scrape or soak up with inert material, and put in designated container for disposal. DO NOT dispose any liquid portion to any drains leading to the city sewer, and conduct preventive measures to avoid potential spills in the future. Containers must be empty, dried and disposed in according to HAZMAT disposal guidelines.

VI. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F: ~275

VAPOR PRESSURE (20 C) (MM HG): 8 MBAR VAPOR DENSITY (AIR=1):

FREEZING POINT: 0 °C; 32 °F

PHYSICAL STATE: liquid

ODOR: odourless color white

pH:9.0 – 11.0

EVAPORATION RATE (BUTYL ACETATE=1):

SPECIFIC GRAVITY (WATER=1): 0.998 – 1.330

VOC (G/L): < 50 grams / liter

ACID / ALKALINITY (MEQ/G): Unknown pH: Unknown

VII. REGULATORY INFORMATION

This product is not regulated for shipping either by ground or by air.

US Regulatory Information

CERCLA PRODUCT COMPOSITION Chemical CERCLA Reportable Quantity

CLEAN AIR ACT

CLEAN WATER ACT

SARA (311,312) HAZARD CLASS Acute Health Hazard

VIII. OTHER INFORMATION

These information are all offered in good faith, IMRAE Corporation disclaims any warranty, liability or any injury that may result to the inappropriate or misuse of the material other than as intended for the use of the product. It is the responsibility of the user to examine the product, and ensure all applicable laws and regulations are met at all levels from city, county, state, and federal guidelines in terms of handling, safety, and disposal.

All data reported are typical values, and as not as product specifications, see Technical Data Sheet for more detailed information or contact IMRAE for specific questions. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable.