



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

FOR CHEMICAL EMERGENCY

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: THREAD LOC-MED STRENGTH RED

DATE PREPARED: March 11, 2009

PART NUMBER: 74568

CHROMATE INDUSTRIAL CORPORATION

PRODUCT TYPE: ANAEROBIC

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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENT	ACGIH 8 HR. TWA	OSHA 8 HR. TWA
METHACRYLATE MONOMER 25852-47-5	60-70	N/L	N/L
POLYESTER RESIN Mixture	20-30	N/L	N/L
TREATED SILICON DIOXIDE, <i>Synthetic, Crystalline free</i> 67762-90-7	1-10	N/L	10 mg/m ³ total dust
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	1-10	N/L	N/L
PROPYLENE GLYCOL 57-55-6	1-10	N/L	N/L
POLYAMIDE WAX Mixture	1-10	N/L	N/L

SECTION 3 – HAZARDS IDENTIFICATION

TOXICITY: **NOTE:** This product does not contain microcrystalline silica. May cause eye and skin irritation. At elevated temperatures may cause irritation of the respiratory tract. Irritates mucous membranes. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. High concentrations may cause central nervous system (CNS) depression. May cause skin sensitization.

PRIMARY ROUTES OF ENTRY: Eye and skin contact, ingestion, inhalation

SIGNS AND SYMPTOMS OF EXPOSURE:

SKIN: Repeated skin contact may cause allergic skin reactions. Skin redness.

INGESTION: Ingestion may cause nausea and vomiting.

INHALATION: Inhalation overexposure may cause irritation, coughing and flu-like symptoms. May cause pain, redness or swelling of the eyes and excessive blinking and tear production.

MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Pre-existing skin disorders.

SECTION 4 – FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: This product has a very low vapor pressure. Vapor inhalation under ambient conditions is normally not a problem.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

SECTION 5 – FIRE-FIGHTING MEASURE**Flash Point °F(C°):** >200°F**Method:** PMCC**Recommended Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.**Hazardous Products of Combustion:** Irritating vapors**Unusual Fire/Explosion Hazards:** Closed containers may rupture or explode when exposed to extreme heat.**Lower Explosive Limit:** N/D**Upper Explosive Limit:** N/D**SECTION 6 – ACCIDENTAL RELEASE MEASURES****Spill Procedures:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.**SECTION 7 – HANDLING AND STORAGE****Storage:** Store below 100°F.**Handling:** Avoid prolonged skin contact. Keep away from eyes.**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION****Eyes:** Safety glasses.**Skin:** Neoprene or nitrile gloves recommended.**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.**Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES****Appearance:** Red gel**Odor:** Mild**Boiling Point:** >150°C**pH:** N/A**Solubility in Water:** Insoluble**Specific Gravity:** >1.0**VOC Content(Wt.%):** N/D**Vapor Pressure:** N/D**Vapor Density (Air=1):** Heavier than air**Evaporation Rate:** N/D**SECTION 10 – STABILITY AND REACTIVITY DATA****Chemical Stability:** Stable at normal conditions**Hazardous Polymerization:** WILL NOT OCCUR.**Incompatibilities:** Strong oxidizers, free radical initiators, inert gases**Conditions to Avoid:** Heat**Hazardous Products of Combustion:** Irritating vapors**SECTION 11 – TOXICOLOGICAL INFORMATION**

See Section 3

SECTION 12 – ECOLOGICAL INFORMATION

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.**US EPA WASTE NUMBER:** NH - Not a RCRA Hazardous Waste MaterialN/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 14 – TRANSPORT INFORMATION**DOT (49CFR 172)****DOMESTIC GROUND TRANSPORT****DOT Shipping Name:** Unrestricted**Hazard Class:** None**UN/ID Number:** None**Marine Pollutant:** None**IATA****Proper Shipping Name:** Not regulated**Class or Division:** None**UN/ID Number:** None**IMDG****Proper Shipping:** Unrestricted**Hazard Class:** None**UN Number:** None**SECTION 15 – REGULATORY INFORMATION****SARA 313 CHEMICALS:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.**SARA 313 INFORMATION:** DIMETHYLBENZYL HYDROPEROXIDE**CALIFORNIA PROP 65:** No California Prop 65 chemicals are known to be present.**TSCA INVENTORY STATUS:****Listed on Inventory:** YES All components of this product are listed (or exempt) on the EPA TSCA inventory.**SECTION 16 – OTHER INFORMATION****ESTIMATED NFPA RATING:****HEALTH: 2****FLAMMABILITY: 1****REACTIVITY: 1****ESTIMATED HMIS CLASSIFICATION: HEALTH: 2****FLAMMABILITY: 1****PHYSICAL HAZARD: 0***NFPA is a registered trademark of the National Fire Protection Assn.**HMIS is a registered trademark of the National Paint and Coatings Assn.*