MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
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FOR CHEMICAL EMERGENCY
Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: THREAD LOC-MED STRENGTH BLUE
PART NUMBER: 74567

PRODUCT TYPE: ANAEROBIC

DATE PREPARED: March 10, 2009

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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	WEIGHT%	ACGIH-TLV-TWA	OSHA PEL
POLYGLYCOL DIMETHACRYLATE 25852-47-5	30-50	N/L	N/L
POLYESTER RESIN MIXTURE --	20-40	N/L	N/L
BENZOATE ESTERS MIXTURE	10-30	N/L	N/L
TREATED SILICON DIOXIDE, *SYNTHETIC, CRYSTALLINE-FREE* 67762-90-7	<10	10 mg/m^3	10 mg/m^3 total dust
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	N/L	N/L
PROPYLENE GLYCOL 57-55-6	<3	N/L	N/L
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	10 mg/m^3	15 mg/m^3 TWA (total dust)

SECTION 3 – HAZARDS IDENTIFICATION

TOXICITY: 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.
NOTE: This product does not contain microcyrstalline silica.

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.

COMPONENT	WEIGHT%	NTP	ACGIH CARCINOGENS	IARC
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 2B; Vol 93,2006; Vol 47,1989

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: Move to fresh air in case of accidental inhalation of vapors. Obtain medical attention.
Skin Contact: Wash off with soap and water. 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
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 (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue gel
Boiling Point: >150°C
Solubility in Water: Insoluble
VOC Content(Wt.%): <2% by weight
Vapor Density (Air=1): Heavier than air
Odor: Mild
pH: N/A
Specific Gravity: 1.1
Vapor Pressure: N/D
Evaporation Rate: N/D

SECTION 10 – STABILITY AND REACTIVITY DATA

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR.
Incompatabilities: 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 Material

SECTION 14 – TRANSPORT INFORMATION

DOT (49CFR 172) DOMESTIC GROUND TRANSPORT
DOT Shipping Name: Unrestricted **Hazard Class:** None
UN/ID Number: 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 **Marine Pollutant:** None

SECTION 15 – REGULATORY INFORMATION

SARA 313 CHEMICALS: The following component(s) is listed as a SARA Section 313 Toxic Chemical.
DIMETHYLBENZYL HYDROPEROXIDE

CALIFORNIA PROP 65: No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.
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**
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