



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: 248 MEDIUM BLUE THREADLOCKER **DATE PREPARED:** JULY 11, 2011
PART NUMBER: 74561
PRODUCT TYPE: ANAEROBIC SEALANT **CHROMATE INDUSTRIAL CORPORATION**
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SECTION 2 — HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS: HEALTH: *2 **FLAMMABILITY:** 1 **PHYSICAL HAZARD:** 1 **PERSONAL PROTECTION:** See Section 8

PHYSICAL STATE: Wax **COLOR:** Blue **ODOR:** Mild

WARNING: MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE EYE, SKIN and RESPIRATORY TRACT IRRITATION.

RELEVANT ROUTES OF EXPOSURE: SKIN, INHALATION, and EYES

POTENTIAL HEALTH EFFECTS

INHALATION: May cause respiratory tract irritation.
SKIN CONTACT: May cause allergic skin reaction. May cause skin irritation.
EYE CONTACT: May cause irritation.
INGESTION: Not expected to be harmful by ingestion.

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: EYE, SKIN, and RESPIRATORY DISORDERS.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
See Section 11 for additional toxicological information.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	%
POLYGLYCOL DIMETHACRYLATE	25852-47-5	60 - 100
THIXOTROPIC AGENT	Proprietary	10 - 30
POLYGLYCOL DIOCTANOATE	18268-70-7	1 - 5
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	112945-52-5	1 - 5
SACCHARIN	81-07-2	1 - 5
ETHYLENE GLYCOL	107-21-1	1 - 5
CUMENE HYDROPEROXIDE	80-15-9	1 - 5

SECTION 4 — FIRST AID MEASURES

INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.
SKIN CONTACT: Remove contaminated clothing and footwear. Wash with soap and water. If symptoms develop and persist, get medical attention. Wash clothing before reuse.
EYE CONTACT: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
INGESTION: Keep individual calm. *DO NOT INDUCE VOMITING.* Get medical attention..

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 5 — FIRE-FIGHTING MEASURES

FLASH POINT: Product is a solid. **BURN RATE:** Greater than 7 cms (2.8 inches)
AUTO-IGNITION TEMPERATURE: Not available
FLAMMABLE/EXPLOSIVE LIMITS LOWER: Not available **UPPER:** Not available
EXTINGUISHING MEDIA: Foam, dry chemical or carbon dioxide.
SPECIAL FIRE-FIGHTING PROCEDURES: None.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of Sulfur. Oxides of Nitrogen. Oxides of Carbon. Irritating organic vapors.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

ENVIRONMENTAL PRECAUTIONS: Ventilate area. Do not allow product to enter sewer or waterways.
CLEAN-UP METHODS: Scrape up spilled material and place in a closed container for disposal.

SECTION 7 — HANDLING AND STORAGE

HANDLING: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
STORAGE: For safe storage, store at or below 38°C (100.4°F). Keep in a cool, well ventilated area away from heat, sparks, and open flame. Keep container tightly closed until ready for use.

For information on product shelf life contact CIC Customer Service at (800) BUY-BOLT.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

HAZARDOUS COMPONENTS	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
POLYGLYCOL DIMETHACRYLATE	None	None	None	None
THIXOTROPIC AGENT	None	None	None	None
POLYGLYCOL DIOCTANOATE	None	None	None	None
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	10 mg/m ³ TWA Inhalable Dust 3 mg/m ³ TWA Respirable Fraction	20 MPPCF TWA 0.8 mg/m ³ TWA	None	None
SACCHARIN	None	None	None	None
ETHYLENE GLYCOL	100 mg/m ³ Ceiling ¹ Aerosol	None	None	None
CUMENE HYDROPEROXIDE	None	None	1 ppm (6 mg/m ³)TWA (SKIN)	None

ENGINEERING CONTROLS: No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.

RESPIRATORY PROTECTION: Use NIOSH-approved respirator if there is potential to exceed exposure limit(s).

EYE/FACE PROTECTION: Safety goggles or safety glasses with side shields.

SKIN PROTECTION: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.

SECTION 9 — PHYSICAL / CHEMICAL PROPERTIES**PHYSICAL STATE:** Wax**ODOR:** Mild**pH:** Not applicable**BOILING POINT/RANGE:** > 149°F (> 300.2°C)**SPECIFIC GRAVITY:** 1.1097**FLASH POINT:** Product is a solid.**FLAMMABLE/EXPLOSIVE LIMITS** **LOWER:** Not available**UPPER:** Not available**SOLUBILITY IN WATER:** Slight**VOC CONTENT:** 7.85%; 87.1 g/l EPA Method 24**COLOR:** Blue**ODOR THRESHOLD:** Not available**VAPOR PRESSURE:** < 5 mm hg (27°F (80.6°C))**MELTING POINT/ RANGE:** Not available**VAPOR DENSITY:** Not available**BURN RATE:** Greater than 7 cms (2.8 inches)**AUTO-IGNITION TEMPERATURE:** Not available**EVAPORATION RATE:** Not available**PARTITION COEFFICIENT (N-OCTANOL/WATER):** Not available**SECTION 10 — STABILITY AND REACTIVITY****STABILITY:** Stable**HAZARDOUS REACTIONS:** Will not occur.**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon. Oxides of Sulfur. Oxides of Nitrogen. Irritating organic vapors.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.**CONDITIONS TO AVOID:** See HANDLING AND STORAGE (*Section 7*) and INCOMPATIBILITY (*Section 10*).**SECTION 11 — TOXICOLOGICAL INFORMATION****ACUTE ORAL PRODUCT TOXICITY:** LD₅₀ (rat) > 10,000 mg/kg (Estimated)**ACUTE DERMAL PRODUCT TOXICITY:** LD₅₀ (rabbit) > 5,000 mg/kg**HAZARDOUS COMPONENTS****NTP CARCINOGEN****IARC CARCINOGEN****OSHA CARCINOGEN**
(Specifically Regulated)

POLYGLYCOL DIMETHACRYLATE

No

No

No

THIXOTROPIC AGENT

No

No

No

POLYGLYCOL DIOCTANOATE

No

No

No

SILICA, AMORPHOUS, *FUMED, CRYSTAL-FREE*

No

No

No

SACCHARIN

No

No

No

ETHYLENE GLYCOL

No

No

No

CUMENE HYDROPEROXIDE

No

No

No

HAZARDOUS COMPONENTS**HEALTH EFFECTS/TARGET ORGANS**

POLYGLYCOL DIMETHACRYLATE

Irritant, Allergen

THIXOTROPIC AGENT

No Data

POLYGLYCOL DIOCTANOATE

Irritant

SILICA, AMORPHOUS, *FUMED, CRYSTAL-FREE*

Nuisance dust

SACCHARIN

No Target Organs

ETHYLENE GLYCOL

Blood, Bone Marrow, Central nervous system, Developmental, Eyes,
Irritant, Kidney, Liver, Metabolic

CUMENE HYDROPEROXIDE

Allergen, Central nervous system, Corrosive, Irritant, Mutagen

SECTION 12 — ECOLOGICAL INFORMATION**ECOLOGICAL INFORMATION:** Not available.**SECTION 13 — DISPOSAL CONSIDERATIONS***Information provided is for unused product only.***RECOMMENDED METHOD OF DISPOSAL:** Follow all local, State, Federal and Provincial regulations for disposal.**HAZARDOUS WASTE NUMBER:** Not a RCRA hazardous waste.

SECTION 14 — TRANSPORTATION INFORMATION

The shipping classifications in this sections are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

U.S. DEPARTMENT OF TRANSPORTATION GROUND (49 CFR)

PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS OR DIVISION: None

IDENTIFICATION NUMBER: None

PACKING GROUP: None

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)

PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS OR DIVISION: None

IDENTIFICATION NUMBER: None

PACKING GROUP: None

WATER TRANSPORTATION (IMO/IMDG)

PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS OR DIVISION: None

IDENTIFICATION NUMBER: None

PACKING GROUP: None

SECTION 15 — REGULATORY INFORMATION**UNITED STATES REGULATORY INFORMATION**

TSCA 8 (B) INVENTORY STATUS: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12(B) EXPORT NOTIFICATION: None above reporting de minimus.

CERCLA/SARA SECTION 302 EHS: None above reporting de minimus.

CERCLA/SARA SECTION 311/312: Immediate Health, Delayed Health.

CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements for Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372):

ETHYLENE GLYCOL CAS# 107-21-1

CUMENE HYDROPEROXIDE CAS# 80-15-9

CALIFORNIA PROPOSITION 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

CANADA REGULATORY INFORMATION

CEPA DSL/NDL STATUS: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

WHMIS HAZARD CLASS: D.2.A, D.2.B

SECTION 16 — OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Chromate Industrial Corporation (CIC) does not assume responsibility for any results obtained by persons over whose methods CIC has no control. It is the user's responsibility to determine the suitability of CIC's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of CIC's products. In light of the foregoing, CIC specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of CIC's products. CIC further disclaims any liability for consequential or incidental damages of any kind, including lost profits.