



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: 548 GASKET ELIMINATOR

DATE PREPARED: March 11, 2009

PART NUMBER: 74569

CHROMATE INDUSTRIAL CORPORATION

PRODUCT TYPE: ANAEROBIC ADHESIVE

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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL	OTHER
POLYURETHANE METHACRYLATE RESIN Unknown	30-60	None	None	None
POLYGLYCOL DIMETHACRYLATE Proprietary	30-60	None	None	None
THIXOTROPIC AGENT Unknown	5-10	None	None	None
ACRYLIC ACID 79-10-7	1-5	2 ppm TWA (skin)	10 ppm TWA; 30 mg/m ³	1 ppm TWA (skin); 3 ppm STEL (skin)
CUMENE HYDROPEROXIDE 80-15-9	1-5	None	None	1 ppm (6 mg/m ³) Skin (WEEL)
SILICA, AMORPHOUS, FUMED, crystalline-free, 112945-52-5	1-5	10mg/m ³ TWA inhalable 3mg/m ³ TWA respirable	6mg/m ³ TWA	None
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	0.1-1	None	None	None

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS: HEALTH: 2*

FLAMMABILITY: 1

PHYSICAL HAZARD: 1

Personal Protection: See Section 8

Physical State: Solid

Color: Orange

Odor: Sharp

WARNING: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.
MAY BE HARMFUL IF SWALLOWED.

Relevant Routes of Exposure: Skin, Inhalation, Eyes

POTENTIAL HEALTH EFFECTS

Inhalation: May cause irritation to nose and throat.

Skin Contact: Irritating to skin. May cause allergic skin reaction.

Eye Contact: Vapors may irritate eyes. Contact with eyes will cause irritation.

Ingestion: May cause gastrointestinal tract irritation if swallowed.

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: Eye, skin, and respiratory disorders. Acrylic acid: Respiratory disorders.
Lung disease.

See Section 11 for additional toxicological information.

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 4 – FIRST AID MEASURES

Ingestion: Remove to fresh air. If symptoms develop and persist, get medical attention.

Inhalation: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

Skin Contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Eye Contact: *DO NOT INDUCE VOMITING.* Keep individual calm. Obtain medical attention.

SECTION 5 – FIRE-FIGHTING MEASURE

Flash Point: Not classified as a flammable solid per DOT Classification Guidelines Part 173 Appendix H 7/10/2002.

Autoignition temperature: N/A

Flammable/Explosive Limits-Lower %(LEL): N/A **Limits-Upper %(UEL):** N/A

Extinguishing Media: Foam, dry chemical or carbon dioxide.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual Fire or Explosion Hazards: None

Hazardous Combustion Products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Prevent product from entering drains or open waters.

Clean-up Methods: Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors.

Storage: For safe storage, store at or below 38°C (100°F).

Incompatible Products: *Refer to Section 10.*

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.

Respiratory Protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

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

Eye/face Protection: Safety goggles or safety glasses with side shields.

See Section 2 for Exposure Limits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

Odor: Sharp

pH: N/A

Melting Point/Range: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

VOC Content: 0.8911%; 8.5060 grams/liter

Color: Orange

Vapor Pressure: N/A

Boiling Point/Range: N/A

Specific Gravity: 1.1274

Evaporation Rate: N/A

Partition Coefficient (n-Octanol/Water): N/A

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.

Incompatibility: Strong oxidizers. Strong reducing agents. Strong alkalis. Other polymerization initiators.

Conditions to Avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY DATA: Acute LD₅₀ (oral): >5000 (rat) (estimated)
 Acute LD₅₀ (dermal): >2000 mg/kg (rabbit) (estimated)

CARCINOGEN STATUS

HAZARDOUS COMPONENTS	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN
POLYURETHANE METHACRYLATE RESIN Unknown	No	No	No
POLYGLYCOL DIMETHACRYLATE Proprietary	No	No	No
THIXOTROPIC AGENT UNKNOWN	No	No	No
ACRYLIC ACID 79-10-7	No	No	No
CUMENE HYDROPEROXIDE 80-15-9	No	No	No
SILICA, AMORPHOUS, FUMED, <i>crystalline-free</i> , 112945-52-5	No	No	No
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	No	No	No

LITERATURE REFERENCED TARGET ORGAN & OTHER HEALTH EFFECTS

HAZARDOUS COMPONENTS	HEALTH EFFECTS/TARGET ORGANS
POLYURETHANE METHACRYLATE RESIN Unknown	Allergen, Irritant
POLYGLYCOL DIMETHACRYLATE Proprietary	Allergen, Irritant
THIXOTROPIC AGENT UNKNOWN	No data
ACRYLIC ACID 79-10-7	Allergen, Corrosive, Irritant, Kidney, Liver
CUMENE HYDROPEROXIDE 80-15-9	Allergen, Central nervous system, Corrosive, Irritant, Mutagen
SILICA, AMORPHOUS, FUMED, <i>crystalline-free</i> , 112945-52-5	Nuisance dust
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	Allergen, Blood, Kidney, Mutagen, Some evidence of carcinogenicity

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

INFORMATION PROVIDED IS FOR UNUSED PRODUCT ONLY.

RECOMMENDED METHOD OF DISPOSAL: Dispose of according to Federal, State and local governmental regulations.

EPA HAZARDOUS WASTE NUMBER: Not a RCRA hazardous waste.

SECTION 14 – TRANSPORT INFORMATION**U.S. DEPARTMENT OF TRANSPORTATION GROUND (49 CFR)**

Proper Shipping Name: Unrestricted
Identification Number: None

Hazard Class or Division: None
Packing Group: None

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)

Proper Shipping Name: Unrestricted
Identification Number: None

Hazard Class or Division: None
Packing Group: None

WATERTRANSPORTATION (IMO/IMDG):

Proper Shipping Name: Unrestricted
Identification Number: None
Marine pollutant: None

Hazard Class or Division: None
Packing Group: None

SECTION 15 – 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 Hazard, Delayed Health Hazard

CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene Hydroperoxide (CAS# 80-15-9) . Acrylic acid (CAS# 79-10-7).

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

CANADA REGULATORY INFORMATION

CEPA DSL/NDL STATUS: Contains one or more components listed on the Non-Domestic Substances list.

WHMIS HAZARD CLASS: 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.