



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: COOL SEAL SEALANT

DATE PREPARED: JANUARY 28, 2009

PART NUMBER: 2652 (22-18 GA)

2653 (16-14 GA)

2654 (12-10 GA)

PRODUCT TYPE: ANAEROBIC ADHESIVE

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SECTION 2 – COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS	%	ACGIH TLV	OSHA PEL	OTHER
POLYGLYCOL DIMETHACRYLATE	50-80	None	None	None
POLYURETHANE DIMETHACRYLATE	30-50	None	None	None
SILICA, FUMED, TREATED	5-10	10mg/m ³ Inhalable fraction 3mg/m ³ Respirable fraction	5mg/m ³ Respirable dust 15mg/m ³ Total	None
CUMENE HYDROPEROXIDE	1-5	None	None	1 ppm (6 mg/m ³) SKIN (WEEL)
ETHYLENE GLYCOL	0.1-1	10 mg/m ³ ceiling aerosol only	None	None
1-ACETYL-2-PHENYLHYDRAZINE	< 0.1	None	None	None

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Gel

Color: Red

Odor: Mild

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

HMIS: HEALTH: 2

FLAMMABILITY: 1

PHYSICAL HAZARD: 1

PERSONAL PROTECTION: See Section 8

PRIMARY ROUTES OF ENTRY: SKIN, INHALATION, EYES

SIGNS AND SYMPTOMS OF EXPOSURE

Inhalation: May cause irritation to nose and throat.

Skin contact: May cause allergic skin reaction. May cause skin irritation.

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.

SECTION 4 – FIRST AID MEASURES

Ingestion: DO NOT INDUCE VOMITING. Keep individual calm. Obtain medical attention.

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

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

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.

N/A – NOT APPLICABLE

N/D – NOT DETERMINED

N/E – NONE ESTABLISHED

N/R – NOT REGULATED

N/L – NOT LISTED

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT (TCC): > 200°F

RECOMMENDED EXTINGUISHING AGENTS: Carbon dioxide, foam, dry chemical

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None

FLAMMABLE/EXPLOSIVE LIMITS – LOWER %: N/A

FLAMMABLE/EXPLOSIVE LIMITS – UPPER %: N/A

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear proper protective equipment.

Measures for Environmental Protection: Do not allow entry into drains or surface waters.

Clean-up Measures: Soak up with an inert absorbent. Store in partly filled, closed container until disposal.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.
Use only with adequate ventilation.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

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

Skin Protection: Use rubber or plastic gloves, and protective clothing as necessary.

Respiratory Protection: Use NIOSH approved respirator if there is a potential to exceed exposure limits.

Engineering Controls: Forced ventilation may be required if concentrations exceed exposure limits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Gel

ODOR: Mild

VAPOR DENSITY: Not available

SPECIFIC GRAVITY: 1.11

VOLATILE ORGANIC COMPOUND CONTENT: <4%

pH: N/A

COLOR: Red

VAPOR PRESSURE: Less than 10 mm at 80°F

SOLUBILITY IN WATER: Slight

BOILING POINT: > 300°F

EVAPORATION RATE (ETHER = 1): Not available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

INCOMPATIBILITY: Strong alkalis. Oxygen scavengers. Aldehydes. Free radical initiators. Reducing agents. Acids and bases.

SECTION 11 – TOXICOLOGICAL INFORMATION

INGREDIENTS:	LITERATURE REFERENCED TARGET ORGAN AND OTHER HEALTH EFFECTS	CARCINOGEN STATUS		
		NTP	IARC	OSHA
POLYGLYCOL DIMETHACRYLATE	ALG IRR	NO	NO	NO
POLYURETHANE DIMETHACRYLATE	No data	NO	NO	NO
SILICA, FUMED, TREATED	NTO	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
ETHYLENE GLYCOL	BLO CNS EYE IRR KID LIV BOM DEV MET	NO	NO	NO
1-ACETYL-2-PHENYLHYDRAZINE	ALG BLO MUT KID SOM	NO	NO	NO

ABBREVIATIONS:

ALG Allergen	IRR Irritant	COR Corrosive	DEV Developmental	SOM Some evidence of carcinogenicity
BLO Blood	EYE Eyes	MUT Mutagen	BOM Bone Marrow	CNS Central Nervous System
LIV Liver	KID Kidney	MET Metaboloc	NTO No Taget Organs	

SECTION 12 – ECOLOGICAL INFORMATION

Water Hazard: Do not allow entry into drains or surface waters.

SECTION 13 – DISPOSAL CONSIDERATIONS

RECOMMENDED METHODS OF DISPOSAL: Dispose of according to Federal, State and Local regulations.

EPA HAZARDOUS WASTE NUMBER: Not an RCRA hazardous waste.

SECTION 14 – DISPOSAL CONSIDERATIONS

U.S. DEPT. 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

HAZARD CLASS OR DIVISION: None
PACKING GROUP: None

MARINE POLLUTANT: 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

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, Ethylene glycol

SECTION 16 – OTHER INFORMATION

DISCLAIMER: Some of the information presented is from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.