



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: RL TEFLON PIPE SEALANT
PART NUMBER: 74511

DATE PREPARED: March 4, 2009

PRODUCT TYPE: ANAEROBIC SEALANT

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SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%WT	ACGIH TLV	OSHA PEL	OTHER
BISPHENOL A FUMARATE RESIN	39382-25-7	30-60	None	None	None
POLYGLYCOL DIMETHACRYLATE	25852-47-5	10-30	None	None	None
POLYGLYCOL LAURATE	9004-81-3	10-30	None	None	None
POLYETHYLENE GLYCOL-MONOCOCOATE	61791-29-5	10-30	None	None	None
POLY(TETRAFLUOROETHYLENE)	9002-84-0	5-10	None	None	AEL (DuPont): 10mg/m ³ / 8hr TWA, total dust; 5mg/m ³ / 8 hrTWA respirable dust
TITANIUM DIOXIDE	13463-67-7	1-5	10 mg/m ³ TWA	15mg/m ³ TWA total dust	None
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-5	10 mg/m ³ TWA inhalable 3 mg/m ³ TWA respirable	6 mg/m ³ TWA	None
SACCHARIN	81-07-2	1-5	None	None	None

SECTION 3 – HAZARD IDENTIFICATION

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

EMERGENCY OVERVIEW

Physical state: Paste Color: White

Odor: Mild

WARNING: Causes Eye Irritation. May cause allergic skin reaction. May cause respiratory tract irritation.

Relevant routes of exposure: Skin, Inhalation, Eyes

POTENTIAL HEALTH EFFECTS

Inhalation: May cause respiratory tract irritation.

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

Eye contact: Contact with eyes will cause irritation.

Ingestion: Not expected to be harmful by ingestion.

Existing Conditions Aggravated by Exposure: Eye, skin, and respiratory disorders.

See Section 11 for additional Toxicological Information.

SECTION 4 – FIRST AID MEASURES

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.

Ingestion: DO NOT INDUCE VOMITING. Keep individual calm. Obtain 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 MEASURE

Flash Point: >93°C (200°F) Tagliabue closed cup (TCC)

Auto-ignition Temperature: Not available

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; toxic fluorine compounds; irritating organic vapors.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

Clean-Up Methods: 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. Avoid breathing vapor and mist. Wash thoroughly after handling.

Storage: For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Incompatible Products: Refer to Section 10.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory Protection: Use a NIOSH approved air purifying respirator with an organic vapor cartridge if the potential to exceed established exposure limits exists.

Skin Protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste

Odor: Mild

pH: N/A

Melting Point/Range: N/A

Vapor Density: N/A

Solubility in Water: Slight

VOC Content: 0.1262%; 1.3841 grams/liter

Color: White

Vapor Pressure: < 5 mm Hg at 27°C (80°F)

Boiling Point/Range: > 149°C (300°F)

Specific Gravity: 1.14

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; toxic fluorine compounds; phenols; irritating organic vapors.

Incompatibility: Strong oxidizers. Reducing agents. Acids. Bases. Rust. Zinc. Aluminum. Iron. Copper. Alkalis. Aldehydes. Amines. Free radical initiators. Peroxides.

Conditions to Avoid: Exposure to sunlight. Heat, flames and sparks. See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

SECTION 11 – TOXICOLOGICAL INFORMATION

Product Toxicity Data: Acute oral LD50 greater than 10,000 mg/kg (rat). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

CARCINOGEN STATUS

HAZARDOUS COMPONENTS	CAS #	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
BISPHENOL A FUMARATE RESIN	39382-25-7	No	No	No
POLYGLYCOL DIMETHACRYLATE	25852-47-5	No	No	No
POLYGLYCOL LAURATE	9004-81-3	No	No	No
POLYETHYLENE GLYCOL MONOCOCOATE	61791-29-5	No	No	No
POLY(TETRAFLUOROETHYLENE)	9002-84-0	No	No	No
TITANIUM DIOXIDE	13463-67-7	No	Group 2B	Yes
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	No	No	No
SACCHARIN	81-07-2	No	No	No

LITERATURE REFERENCED TARGET ORGAN & OTHER HEALTH EFFECTS

HAZARDOUS COMPONENTS	CAS#	HEALTH EFFECTS/TARGET ORGANS
BISPHENOL A FUMARATE RESIN	39382-25-7	Allergen, Irritant
POLYGLYCOL DIMETHACRYLATE	25852-47-5	Allergen, Irritant
POLYGLYCOL LAURATE	9004-81-3	Allergen, Irritant
POLYETHYLENE GLYCOL- MONOCOCOATE	61791-29-5	No Target Organs
POLY(TETRAFLUOROETHYLENE)	9002-84-0	No Target Organs
TITANIUM DIOXIDE	13463-67-7	Irritant, Respiratory
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	Nuisance dust
SACCHARIN	81-07-2	No Target Organs

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 hazardous

SECTION 14 – TRANSPORT INFORMATION

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

Proper Shipping Name: Unrestricted **Hazard Class or Division:** None
Identification Number: None **Packing Group:** None

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA):

Proper Shipping Name: Unrestricted **Hazard Class or Division:** None
Identification Number: None **Packing Group:** None

WATER TRANSPORTATION (IMO/IMDG):

Proper Shipping Name: Unrestricted **Hazard Class or Division:** None
Identification Number: 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.

TSCA 12 (b) Export Notification: 4-Methoxyphenol (150-76-5).

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

CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard

CERCLA/SARA 313: None above reporting de minimus.

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: All components are listed on or are exempt from listing on the 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 does not assume responsibility for any results obtained by persons over whose methods Chromate Industrial Corporation has no control. It is the user's responsibility to determine the suitability of Chromate Industrial Corporation'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 Chromate Industrial Corporation's products.

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