



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: RED LION RTV
PART NUMBER: 74128 and 74131, 74132 and 74133
PRODUCT TYPE: RTV SILICONE
CHEM. FAMILY: SILICONE SEALANT
PRODUCT ID: 100% RTV SILICONE—CLEAR, WHITE, BLACK, BLUE, BRONZE, ALUMINUM, RED, TRANS WHITE, ALMOND, GREY, BISCUIT, LIGHT GREY, SNOWY WHITE

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SECTION 2 – PRODUCT COMPONENTS

COMPONENT	CAS#	WT%	EXPOSURE LIMITS
DIMETHYL SILOXANE, HYDROXYTERMINATED	70131-67-8	> 60.0	
SILICA, AMORPHOUS	7631-86-9	7.0 – 13.0	
HYDROTREATED MIDDLE PETROLEUM DISTILLATES	64742-46-7	<=7.0	OSHA PEL (final rule) & ACGIH TLV for oil mists TWA: 5mg/m ³
ETHYLTRIAACETOXSILANE	17689-77-9	1.0 – 5.0	See acetic acid comments
METHYLTRIAACETOCYSILANE	4253-34-3	1.0 – 5.0	See acetic acid comments

COMMENTS: Acetic Acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL; TWA 10 ppm, STEL 15 ppm

SECTION 3 – PHYSICAL / CHEMICAL CHARACTERISTICS

PHYSICAL FORM: Paste
ODOR: Acetic Acid Odor
VISCOSITY: N/D
BOILING POINT: N/D
VAPOR DENSITY: N/D
pH: N/D

COLOR: Depends on specific color ordered
SPECIFIC GRAVITY @ 25°C: 1.007
FREEZING/MELTING POINT: N/D
VAPOR PRESSURE @ 25°C: N/D
SOLUBILITY IN WATER: N/D
VOLATILE CONTENT: N/D

NOTE: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

SECTION 4 – FIRE AND EXPLOSION HAZARD

FLASH POINT (CLOSED CUP): >212°F (>100°C)
AUTO-IGNITION: N/D
FLAMMABILITY LIMITS IN AIR: N/D
EXTINGUISHING MEDIA: Carbon Dioxide(CO₂). Water. Water fog (or spray) Dry Chemical Foam.
UNSUITABLE EXTINGUISHING MEDIA: None.
FIRE-FIGHTING PROCEDURES: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.
UNUSUAL FIRE HAZARDS: None

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Sulfur Oxides.

Carbon Oxides and traces of incompletely burned carbon compounds.

Silicon Dioxide. Iodine Compounds. Formaldehyde.

If container is an aerosol product: treat as compressed gas: EXTINGUISHING MEDIA: CO₂, Dry Chemical, Water Fog.

SECTION 5 – REACTIVITY DATA**STABILITY:** Stable.**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form.**CONDITIONS TO AVOID:** None.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Oxides and traces of incompletely burned Carbon compounds, Silicone Dioxide, and Formaldehyde.**HAZARDOUS POLYMERIZATION:** Will not occur.**SECTION 6 – HEALTH HAZARD DATA****ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:****INGESTION:** May cause gastric distress.**SKIN CONTACT:** Uncured product contact will irritate lips, gums, tongue, and skin.**INHALATION:** Causes mild respiratory irritation.**EYE CONTACT:** Uncured product contact irritates eyes.**MEDICAL CONDITIONS AGGRAVATED:** None known**OTHER:** Acetic Acid release during curing.**CHRONIC EFFECTS OF OVEREXPOSURE:** None known**EMERGENCY FIRST AID PROCEDURES:****INGESTION:** No first aid should be needed.**SKIN:** To clean from skin, remove completely with a dry cloth or paper towel before washing with detergent and water. Get medical attention if irritation develops.**INHALATION:** Remove to fresh air.**EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.**NOTE TO PHYSICIAN:** None known.**TOXICITY:** Refer to Product Information**OTHER:** None known**ACUTE ORAL:** LD₅₀ >10,000 mg/kg**AMES TEST:** Unknown**ACUTE DERMAL:** LD₅₀ None found**PRINCIPLE ROUTES OF EXPOSURE:** EYES, INHALATION**ACUTE INHALATION** LC₅₀ None found.**PRODUCTS/INGREDIENTS:** None known**SECTION 7 – SPECIAL PROTECTIVE EQUIPMENT****RESPIRATORY PROTECTION:** Use in a well ventilated area.**PROTECTIVE GLOVES:** Cloth gloves**EYE AND FACE PROTECTION:** Safety glasses**OTHER PROTECTIVE EQUIPMENT:** None known**VENTILATION:** Use only in well ventilated area.**SECTION 8 – SPILL / LEAK / DISPOSAL PROCEDURES****ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Wipe or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.**DISPOSAL METHOD:** Disposal should be made in accordance with Federal, State, and Local Regulations.

SECTION 9 – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes. CAUTION! Wearers of contact lenses must not handle lenses until all sealant has been cleaned from fingertips; residual silicone will transfer to lenses and cause severe eye irritation.
 Product releases ACETIC ACID during application and curing.
 Use mechanical ventilation to stay below TLV of 10 PPM acetic acid.
 Uncured product contact irritates eyes.
 Uncured product contact irritates skin.
 Use in a well ventilated area to prevent irritation by vapors.

ENGINEERING CONTROLS: Eye wash stations.

VOC CONTENT: 31 g/L

SECTION 10 – SHIPPING / REGULATORY CLASSIFICATION DATA

DOT SHIPPING NAME: None

DOT HAZARD CLASS: None

DOT LABEL(S): None

EPA HAZARD CLASS: Eye irritant

CPSC CLASSIFICATION: Eye irritant

TRANSPORTATION CLASS: IMO None

RID (OCTI): None

ADR (ECE): None

RAR (IATA): None

NEPA/HMIS CLASSIFICATION: FLAMMABILITY: 1

REACTIVITY: 0

HEALTH: 1

SECTION 11 – ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.