



MATERIAL SAFETY DATA SHEET



5250-A Naiman Parkway, Solon, OH 44139
888-567-2206 • www.chromate.com

FOR CHEMICAL
EMERGENCY
Call Chemtrec day/night:
1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RTV Gasket Maker and Sealer Black
RED LION PART NUMBER: 74131
PRODUCT TYPE: Silicone Sealant
CHEMICAL FAMILY: N/A

DATE PREPARED: 01/01/03

CHROMATE INDUSTRIAL CORPORATION
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2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#	WT%	EXPOSURE LIMITS
Methyltriacetoxysilane	004253343	2	See acetic acid comments.
Silica, amorphous	007631869	10	Observe particulates limits. OSHA PEL: TWA 15 mg/m3 total dust, 5 mg/m3 respirable fraction. ACGIH TLV: TWA 100 mg/m3 total dust.
Ethyltriacetoxysilane	017689779	2	

3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes, Inhalation
EFFECTS OF OVEREXPOSURE:

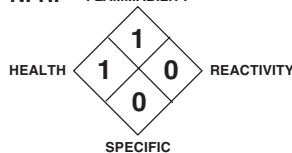
- INHALATION:** Causes mild respiratory irritation.
- INGESTION:** May cause gastric distress.
- SKIN CONTACT:** Uncured product contact will irritate lips, gums, tongue and skin.
- EYE CONTACT:** Uncured product contact will irritate eyes.
- MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known.
- OTHER:** Acetic acid released during curing.
- CHRONIC EFFECTS OF OVEREXPOSURE:** None known.

HAZARD RATINGS

NFR: FLAMMABILITY

HMIS:

1	HEALTH
1	FLAMMABILITY
0	REACTIVITY
B	PROTECTION



4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

- INHALATION:** Remove to fresh air.
- INGESTION:** No first aid should be needed.
- SKIN CONTACT:** 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.
- EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (CLOSED CUP): N/D AUTOIGNITION: 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 AND EXPLOSION 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.

6. ACCIDENTIAL RELEASE MEASURES

SPILLS OR LEAKS: 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.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: 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.
 Products release 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: Eyewash stations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use in a well ventilated area.
PROTECTIVE GLOVES: Cloth gloves.
EYE PROTECTION: Safety glasses.
OTHER PROTECTIVE EQUIPMENT: None known.
VENTILATION: Use only in well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A	SPECIFIC GRAVITY @ 25C: 1.04
VAPOR DENSITY @ 25C: N/A	FREEZING / MELTING POINT: N/D
VAPOR PRESSURE @ 25C: N/A	pH: Neutral
SOLUBILITY IN WATER: None	EVAPORATION RATE: Faster than ether
PERCENT VOLATILE BY VOLUME: N/A	FORM: Paste
APPEARANCE AND ODOR: Black, Acetic acid odor	VOLATILE CONTENTS: N/A

10. STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing material can cause a reaction. Air or moisture causes curing and acetic acid vapors to form.
CONDITIONS TO AVOID: Exposure to air or moisture until ready to use.
HAZARDOUS DECOMPOSITION PRODUCTS: Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products.
HAZARDOUS POLYMERIZATION: Will not occur
COMMENTS: None

11. TOXICOLOGICAL INFORMATION

EYE: No data available. **SKIN:** No data available. **INGESTION:** No data available. **INHALATION:** No data available.
SUBCHRONIC: No data available.
CHRONIC CARCINOGENICITY:
CARCINOGENICITY: NTP: Not Listed IARC MONOGRAPH: Not Listed OSHA REGULATED: Not Regulated
TERATOLOGY: No data available.
REPRODUCTION: No data available.
MUTAGENICITY: No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.
CHEMICAL FATE INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS: No data available.
WASTE DISPOSAL METHOD: Disposal should be made in accordance with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)		
D.O.T. SHIPPING NAME: None	EPA HAZARD CLASS: Eye irritant	RID (OCTI): None
D.O.T. HAZARD CLASS: None	CPSC CLASSIFICATION: Eye irritant	ADR (ECE): None
D.O.T. LABEL(S): None	TRANSPORTATION CLASS: IMO None	RAR (IATA): None

15. REGULATORY INFORMATION

EXPOSURE LIMITS: No data available.

16. OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.