

MATERIAL SAFETY DATA SHEET

100% RTV Silicone - Oxime Formula - Red

Manufactured for:
Osborn International
5401 Hamilton Ave.
Cleveland, OH 44114
Phone: 216-361-1900
Osborn 76370

1. PRODUCT IDENTIFICATION

Product Identification: Oxime cure one part RTV silicone sealant:low volatile low odor red
Chemical Name: Silicone Sealant
Chemical Family: Silicone Sealant
Formula: Mixture

2. PRODUCT COMPONENTS

COMPONENT	CAS#	WT%	EXPOSURE LIMITS
Silica, amorphous	007631869	10	Observe particulates limits. OSHA PEL: TWA 15 mg/m ³ total dust, 5 mg/m ³ respirable fraction. ACGIH TLV: TWA 10 mg/m ³ total dust.
Methyltrisilane (ethylmethylketoxime)	022984549	3	See ethylmethylketoxime comments..
Dimethoxymethylsilane (ethylmethylketoxime)	083817725	1	See ethylmethylketoxime and methyl alcohol comments.
Ethoxytrisilane	101371000	.5	See ethyl alcohol and ethyl methyl ketoxime comments.
Diethoxydisilane (ethylmethylketoxime)	093917750	.4	See ethyl alcohol and ethyl methyl ketoxime comments.
Methylethylketoxime	96297	.1	AIHA WEEL: TWA 10 ppm.
Triethoxysilane (ethylmethylketoxime)	101371011	.1	See ethyl alcohol and ethylmethyl ketoxime comments.
Tetrasilane(methylethylketoxime)	34206401	.1	See ethyl methyl ketoxime comments.

Comments: Methyl alcohol forms on contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 200 ppm and ACGIH TLV-skin: TWA 200 ppm, STEL 250 ppm.

Ethylmethylketoxime is formed upon contact with water or humid air. Provide adequate ventilation to control exposures to within the exposure guideline of 10 ppm (TWA).

Ethyl alcohol is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of ASHA PEL and ACGIH TLV: TWA 1000 ppm.

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Paste
Odor: Slight medicinal
Specific Gravity @ 25c: 1.05
Viscosity: Not applicable
Freezing/Melting Point: Not determined
Boiling Point: Not applicable
Vapor Pressure @ 25c: Not applicable
Vapor Density: Not applicable
Solubility in Water: None
pH: Neutral
Volatile Content: NA

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

4. FIRE AND EXPLOSION DATA

Flash Point (Closed Cup):	Not determined
Autoignition:	Not determined
Flammability Limits in Air:	Not determined
Extinguishing Media:	Carbon Dioxide(CO ₂). 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.

5. REACTIVITY DATA

Stability: Stable

Conditions to avoid: Exposure to air or moisture until ready to use; releases about 4% methylethylketoxime.

Hazardous Polymerization: Will not occur

Comments: None.

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.

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:**Product Information

Acute Oral LD50>10,000 MG?KG

Acute dermal LD50 None found MG/KG

Acute Inhalation LC50 None found.

Other: None known.

Ames test: Unknown

Principle routes of exposure: Eyes, Inhalation

Products/Ingredients: None known

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.

8. SPILL, LEAK, AND 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.

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.

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.

10. SHIPPING AND 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

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.

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