

# MATERIAL SAFETY DATA SHEET

## 100% RTV Silicone – Oxime Formula – Aluminum (Pressurized) #50049

Manufactured by:  
Etterman Enterprises, Inc.  
1913 W HIGHWAY 12  
WILLMAR, MN 56201  
EMERGENCY PHONE: 800-852-7713  
**CHEMTREC: 800-424-9300**

### 1. PRODUCT IDENTIFICATION

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

### 2. PRODUCT COMPONENTS

COMPONENT	CAS#	WT%	EXPOSURE LIMITS
Dimethyl siloxane, hydroxy-terminated	70131-67-8	<= 91.0	.
Silica, amorphous	7631-86-9	7.0 – 13.0	
Titanium dioxide	13463-67-7	<= 4.0	Observe titanium dioxide limits. OSHA PEL (final rule): TWA 15 mg/m3 and ACGIH TLV: TWA 10 mg/m3.
Iron oxide	1309-37-1	<= 4.0	
C.I. Pigment Blue 29	57455-37-5	<= 4.0	
Black iron oxide	1317-61-9	<= 4.0	
Yellow iron oxide	51274-00-1	<= 3.0	
Antimony chromium manganese titanium brown rutile	69991-68-0	<= 3.0	
Methyl tri(ethylmethylketoxime) silane	22984-54-9	1.0 – 5.0	See ethyl methyl ketoxime comments.
Aluminum	7429-90-5	<= 1.0	OSHA PEL (final rule): TWA 15 mg/m3 total dust, 5 mg/3 respirable dust. ACGIH TLV: TWA 10 mg/m3.
Di (ethylmethylketoxime) methoxy-methyl silane	83817-72-5	<= 1.0	See methyl alcohol and ethyl methyl ketoxime comments.
Carbon black	1333-86-4	<= 0.8	

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.

Ethyl methyl ketoxime is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within the following exposure guidelines: Vendor guide TWA: 3 ppm, STEL: 10 ppm; AIHA WEEL TWA: 10 ppm.

### 3. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Paste  
Odor: Some odor  
Specific Gravity @ 25c: 1.04  
Viscosity: Not determined  
Freezing/Melting Point: Not determined  
Boiling Point: Not determined  
Vapor Pressure @ 25c: Not determined  
Vapor Density: Not determined  
Solubility in Water: Not determined  
pH: Not determined  
Volatile Content: Not determined

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 applicable
Autoignition:	Not determined
Flammability Limits in Air:	Not determined
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.

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## 5. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None

Hazardous Polymerization: Will not occur

Materials to Avoid: Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form.

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## 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: Move 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

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## 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.

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## 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.

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## 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: Eye wash stations.

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## 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 2

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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