

MATERIAL SAFETY DATA SHEET

100% RTV Silicone - Oxime Formula - Clear

Manufactured by:
ADASEAL INTERNATIONAL, INC
P O BOX 377
NEW JOHNSONVILLE, TN 37134
EMERGENCY PHONE: 931-296-2291

1. PRODUCT IDENTIFICATION

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

2. PRODUCT COMPONENTS

| <u>COMPONENT</u> | <u>CAS#</u> | <u>WT%</u> | <u>EXPOSURE LIMITS</u> |
|---|-------------|------------|-------------------------------------|
| Dimethyl siloxane, hydroxy-terminated | 70131-67-8 | > 60.0 | |
| Silica, amorphous | 7631-86-9 | 7.0 – 13.0 | |
| Methyl tri(ethylmethylketoxime) Silane | 22984-54-9 | 3.0 – 7.0 | See ethyl methyl ketoxime comments. |

Comments: 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.

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.

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 | Other: None known |
| Acute Oral LD50>10,000 MG?KG | Ames test: Unknown |
| Acute dermal LD50 None found MG/KG | Principle routes of exposure: Eyes, Inhalation |
| Acute Inhalation LC50 None found. | 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: Eye wash 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 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.