



## MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

# CLEAR RTV SILICONE ADHESIVE/SEALANT PRESSURIZED CAN PART NO. 49274

### SECTION I - IDENTITY INFORMATION

Description : RTV Silicone Gasket Maker - Clear - 8 oz.  
Automatic Can - Low Volatile

### SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>	<u>WT. %</u>
Methyltriacetoxysilane	4253-34-3	See Comment Below	2
Ethyltriacetoxysilane	17689-77-9	See Comment Below	2
Silica	7631-86-9	OSHA PEL: TWA 6 mg/m <sup>3</sup> ACGIH TLV: TWA 10 mg/m <sup>3</sup> Total Dust	10

**COMMENT: OBSERVE LIMITS FOR ACETIC ACID, FORMED DURING CURING ON EXPOSURE TO WATER OR HUMID AIR. OSHA PEL: TWA 10 PM. ACGIH TLV: TWA 10 PM, STEL 15 PM**

### SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point (@ 760 MM HG) : N/A  
Vapor Pressure (@ 77<sup>0</sup>F/25<sup>0</sup>C) : N/A  
Vapor Density : N/A  
Solubility in Water (%) : None  
Specific Gravity (@ 77<sup>0</sup>F/25<sup>0</sup>C) : 1.04  
Volatile Content : N/A  
Viscosity : N/A  
Freezing/Melting Point : Not determined  
pH : N/A  
Color, Odor and Appearance : Clear, acetic acid-like paste

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : Not Determined  
Flammability Limits in Air : LEL: N.D. UEL: N.D.  
Extinguishing Media : Water, water fog, CO<sub>2</sub>, dry chemical, foam.

Special Fire Fighting Procedures	: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals
Unusual Fire and Explosion Hazards	: None
<i>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.</i>	
<i>Silicone dioxide, Iodine compounds, formaldehyde.</i>	
<i>If container is an aerosol product: Treat as compressed gas. Extinguishing media – CO<sub>2</sub>, dry chemical, and water fog.</i>	

## SECTION V - 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 released during curing.
Chronic Effects of overexposure	: None known

### EMERGENCY AND 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.
Principle Route (s) of Exposure	: Eyes, inhalation.

## SECTION VI - REACTIVITY DATA

Stability	: Stable
Incompatibility (Material 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	: Silicon dioxide, carbon dioxide, and traces of incompletely burned carbon products
Hazardous Polymerization	: Will Not Occur
Conditions to Avoid	: N/A

## SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case 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.

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 VIII – SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and

Storing : Avoid contact with skin and eyes.

CAUTION!

Wearers on 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 : Eyewash stations.

## SECTION IX – HAZARD COMMUNICATION CODES

HMIS RATINGS:

Health : 1

Flammability : 1

Reactivity : 0

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