



## MATERIAL SAFETY DATA SHEET

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

### BLUE SILICONE GASKET MAKER PART NOS. 49206, 49296

#### SECTION I - IDENTITY INFORMATION

Description : RTV Blue Silicone Gasket Maker  
Chemical Family : RTV Silicone

#### SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS</u>	<u>WT %</u>
Methyltriacetoxysilane	004253343	See Acetic Acid Comments	2
Ethyltriacetoxysilane	017689779	See Acetic Acid Comments	2
Silica, Amorphous	007631869	Observe Particulates Limits. OSHA PEL: TWA 15 mg/m <sup>3</sup> Total Dust, 5 mg/m <sup>3</sup> Respirable Fraction. 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 PPM. ACGIH TLV: TWA 10 PPM, STEL 15 PPM.*

#### SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point : N/A  
Freezing/Melting Point : N/D  
Vapor Pressure (@ 25<sup>0</sup>C) : N/A  
Vapor Density : N/A  
Solubility in Water : None  
Specific Gravity 25<sup>0</sup>C : 1.03  
Volatile Content : N/A  
Viscosity : N/A  
pH : N/A  
Odor, Appearance, Color : Acetic acid-like, paste, blue

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Closed Cup) : N/A (Solid)  
Auto Ignition Temperature : N/D  
Flammability Limits in Air : N/D  
Extinguishing Media : Carbon dioxide (CO<sub>2</sub>). water. Water fog (or spray). Dry chemical. Foam.

Unsuitable Extinguishing Media	: None.
Special 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.
Hazardous Decomposition Products	: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: silicon dioxide. Carbon oxides and traces of incompletely burned compounds. Formaldehyde.

**COMMENTS: N/D - Not Determined. Product is considered a Solid for DOT Purposes and Flash Point is not applicable.**

## SECTION V - HEALTH HAZARD DATA

### ACUTE EFFECTS:

Eye	: Direct contact irritates moderately with redness and swelling.
Skin	: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.
Inhalation	: Vapor overexposure may irritate eyes, nose and throat.
Oral	: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

### REPEATED EXPOSURE EFFECTS:

Skin	: None known.
Inhalation	: None known.
Oral	: None known.

### SPECIAL HAZARDS:

Carcinogens	: None known.
Teratogens	: None known.
Mutagens	: None known.
Reproductive Toxins	: None known.
Sensitizers	: None known.

**COMMENTS: When Heated to Temperatures Above 150<sup>0</sup>C in the Presence of Air, Product Can Form Formaldehyde Vapor. Formaldehyde is a Potential Cancer Hazard, a Known Skin and Respiratory Sensitizer, and an Irritant to the Eyes, Nose, Throat, Skin and Digestive System. Safe Handling Conditions may be maintained by Keeping Vapor Concentrations within the OSHA Permissible Exposure Limit for Formaldehyde.**

### EMERGENCY AND FIRST AID PROCEDURES

Eyes	: Flush eyes immediately with water for at least
------	--

15 minutes. Seek medical assistance.

**Pg. 3 of 4**  
**P/N's 49206, 49296**

Skin	: Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
Inhalation	: Remove to fresh air.
Oral	: No first aid should be needed.

**Comments:** *Treat According to Person's Condition and Specifics of Exposure.*

## SECTION VI - REACTIVITY DATA

Chemical Stability	: Stable.
Hazardous Polymerization	: Will not occur.
Conditions to Avoid	: None.
Materials to Avoid	: Oxidizing material can cause a reaction.

**Comments:** *Water, Moisture, or Humid Air Can Cause Hazardous Vapors to Form.*

## SECTION VII - ACCIDENTAL RELEASE MEASURES

Containment/Clean-Up	: Disposal of collected product, residues and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Scrape up and contain for salvage or disposal. Observe all personal protection equipment recommendations. Local, state and federal reporting requirements may apply to spills or releases of this material into the environment.
----------------------	--

## SECTION VIII - HANDLING AND STORAGE

Handling	: No special precautions
Storage	: Keep container closed and store away from water or moisture.

## SECTION IX – EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Local Exhaust	: Recommended
General Ventilation	: Recommended

### PERSONAL PROTECTIVE EQUIPMENT FOR ROUTINE HANDLING:

Eyes	: Use proper protection -- safety glasses, as a minimum.
Skin	: Washing at mealtime and end of shift is adequate.
Suitable Gloves	: No special protection needed.

Inhalation	: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial hygiene personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator	: Organic vapor/dust/mist type.
PERSONAL PROTECTIVE EQUIPMENT FOR SPILLS:	
Eye	: Use proper protection -- safety glasses as a minimum.
Skin	: Washing at mealtime and end of shift is adequate.
Inhalation/Suitable Respirator	: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial hygiene personnel can assist in judging the adequacy of existing engineering controls.
Precautionary Measures	: Avoid eye contact. Avoid breathing vapor. Keep container closed. Use reasonable care.

**COMMENTS: *Product Evolves Acetic Acid (HOAC) when exposed to Water or Humid Air. Provide Ventilation during Use to Control HOAC within Exposure Guidelines or Use Respiratory Protection.***

***Contents of This MSDS Comply with the OSHA Hazard Communication Standard 29CFR 1910.1200.***

***TSCA Status: All Chemical Substances Found in This Product Comply with the Toxic Substance Control Act Inventory Reporting Requirements.***

## SECTION X – REGULATORY INFORMATION

Proper Shipping Name (49CFR 172.101)	: None
D.O.T. Hazard Name (49CFR 172.101)	: None
D.O.T. ID No. (49CFR 172.101)	: None
D.O.T. Hazard Class (49CFR 172.101)	: None
RCRA Hazard Class (40CFR 261)(if discarded)	: None
E.P.A. Priority Pollutants (40CFR 122.53)	: None

## SECTION XI – HAZARD COMMUNICATION CODES

NFPA RATINGS (National Fire Protection Association)

Health	: 1
Flammability	: 1
Reactivity	: 1

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

**Rev. 2/08/03**