



MATERIAL SAFETY DATA SHEET

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**WHITE SILICONE SEALANT
INDUSTRIAL GRADE
PART NO. 49285**

SECTION I - IDENTITY INFORMATION

Description : RTV Silicone Sealant - 11 oz. Cartridge

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS</u>	<u>WGT. %</u>
Methyltriacetoxysilane	4253343	See Comment Below	2
Ethyltriacetoxysilane	17689779	See Comment Below	2
Silica, Amorphous	7631869	OSHA PEL: TWA 6 MG/M3 ACGIH TLV: TWA 10MG/M3 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 (@ 760 MM HG)	: N/A
Vapor Pressure (@ 77°F/25°C)	: <5 MM
Vapor Density (Air=1 @ 77°F/25°C)	: N/A
Solubility in Water (%)	: <0.1%
Specific Gravity (@ 77°F/25°C)	: 1.03
Melting Point	: N/A
Evaporation Rate (Ether=1)	: N/A
Percent Volatile by Weight (%)	: <5
Appearance. Odor and Color	: Acetic acid-like, paste, white.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	: N/A
Autoignition	: Not determined
Flammability Limits in Air	: Lower - N/D Upper - N/D
Extinguishing Media	: Water, water fog, CO ₂ , 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 known.

COMMENTS: *Product is considered a solid for DOT purposes and flash point is not applicable.*

SECTION V - 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 : Titanium dioxide, silicon dioxide, carbon dioxide and traces of incompletely burned carbon products.

Hazardous Polymerization : Will not occur

Conditions to Avoid : N/A

SECTION VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Eye : Direct contact irritates slightly 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.

COMMENTS: *No Injury From Silica Dust Should Occur During Reasonable Use. If Use Creates Respirable Particles, Some Respiratory System Injury May Occur. Cured Sealant is Non-Hazardous.*

EMERGENCY AND FIRST AID PROCEDURES

Eyes : Flush with water for 15 minutes. Obtain medical attention.

Skin : Wipe off and flush with water. Get medical attention if ill effects persist.

Inhalation : Remove to fresh air. Obtain medical attention.

Oral : No first aid should be needed.

SECTION VII – SPILL/LEAK AND DISPOSAL PROCEDURES

Steps to be Taken in Case Material is Released or Spilled	: Remove product and contain for salvage or disposal.
PROTECTIVE EQUIPMENT:	
Eyes	: Use proper protection - safety glasses, as a minimum.
Skin	: Washing at mealtime and end of shift is adequate. Remove contaminated clothing and shoes as soon as practical and clean thoroughly before reuse. Rubber or plastic gloves are recommended.
Inhalation	: Use respiratory protection unless local exhaust ventilation is adequate or air sampling data show exposures are within TLV and PEL guidelines.
Waste Disposal Method	: Review all local, state, and federal regulations concerning health and pollution to determine approved method.

SECTION VIII - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT:	
Eyes	: Use proper protection - safety glasses as a minimum.
Skin	: Washing at mealtime and end of shift is adequate. Remove contaminated clothing and shoes as soon as practical and clean before reuse. Rubber or plastic gloves are recommended.
Inhalation	: Use respiratory protection unless local exhaust ventilation is adequate or air sampling data show exposures are within RLV and PEL guidelines.
VENTILATION:	
Local Exhaust	: Recommended
Mechanical (General)	: Recommended
Suitable Respirator	: Organic vapor type.

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing	: Store below 90 ⁰ F/32 ⁰ C. Keep container closed when not in use.
Other Precautions	: Product forms acetic acid (HOAC) when exposed to water or humid air. Provide ventilation during use to control HOAC exposure within 10 PPM (current TLV) or use respiratory protection.

COMMENTS: *Traces of Formaldehyde (Carcinogen) May Form if Heated in Air Above 300^oF/149^oC. Provide Ventilation to Control Vapor Exposure Within Inhalation Guidelines When Handling at Elevated Temperatures. Review the OSHA Formaldehyde Regulation for Detailed Information on Safe Handling Requirements.*

SECTION X – HAZARD COMMUNICATION CODES

NFPA RATINGS:

Health	:	1
Flammability	:	1
Reactivity	:	0

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