



MATERIAL SAFETY DATA SHEET

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BLUE RTV SILICONE GASKET MAKER LOW VOLATILE PART NOS. 49203, 49243, 49293

SECTION I - IDENTITY INFORMATION

Generic Description : Silicone Elastomer
Physical Form : Paste

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>WT.%</u>	<u>EXPOSURE LIMITS</u>
Methyltriacetoxysilane	004253343	2	See comment below
Ethyltriacetoxysilane	017689779	2	See comment below
Silica, Amorphous	007631869	10	OSHA PEL: TWA 6 MG/M3 ACGIH TLV: TWA 10 MG/M3 total dust

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

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point (@ 760 MM HG) : N/A
Melting Point : N/A
Vapor Pressure (@ 77°F/25 C) : <5 MM
Vapor Density (Air=1 @ 77°F/25°C) : Above 1
Solubility in Water (%) : <0.1
Specific Gravity (@ 77°F/25°C) : 1.03
Percent Volatile By Weight (%) : <5
Evaporation Rate (Ether=1) : N/A
Odor, Appearance, Color : Acetic acid-like, paste, blue.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : Open cup above 250°F/120°C
Auto Ignition : 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

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Eye	: Direct contact irritates slightly to 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.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes	: Flush eyes immediately with water for at least 15 minutes. Seek medical assistance.
Skin	: Scrape off excess, wash with soap and large volumes of water. Get medical attention if irritation develops.
Inhalation	: Remove to fresh air. Get medical attention if ill effects persist.
Oral	: No first aid should be needed.

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, includes formaldehyde.
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	: Remove product and contain for salvage or disposal.
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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	: Dispose of material in accordance with local, state, and federal regulations.

SECTION VIII - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT:

Eyes	: Use proper eye 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.
VENTILATION:	
Local Exhaust	: Recommended.
Mechanical (General)	: Recommended.
Suitable Respirator	: Organic vapor type.

****Good Practice Requires that Gross Amounts of any Chemical be Removed From the Skin As Soon As Practical, Especially Before Eating or Smoking.***

COMMENTS: Avoid Breathing Vapors and Eye and Skin Contact. Use Only with Adequate Ventilation. DO NOT Take Internally.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	: Store below 90 ⁰ F/32 ⁰ C. Use reasonable care and caution.
Other Precautions	: Product forms acetic acid (HOAC) when exposed to water of humid air. Provide ventilation during use to control HOAC exposure within 10 PPM (current TLV) 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 Substances 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:

Health : 1
Flammability : 1
Reactivity : 0

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