



MATERIAL SAFETY DATA SHEET

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RED RTV SILICONE GASKET MAKER HI-TEMP PART NOS. 49202, 49292

SECTION I - IDENTITY INFORMATION

Description : RTV High Temperature Silicone Gasket
Maker-Red
Chemical Family : RTV Silicone

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS</u>	<u>WGT. %</u>
Methyltriacetoxysilane	004253343	See Comment Below	2
Ethyltriacetoxysilane	017689779	See Comment Below	2
Silica, Amorphous	007631869	OSHA PEL: TWA 6 MG/M3 ACGIH TLV: TWA 10 MG/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
Melting Point : N/A
Vapor Pressure (@ 77°F/25°C) : N/A
Vapor Density (Air=1 @ 77°F/25°C) : N/A
Solubility in Water (%) : <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, red.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : Open cup above 250°F/120°C
Flammability Limits in Air : Lower - N/D Upper - N/D
Extinguishing Media : Water, water fog, CO₂, dry chemical, foam.

Special Fire Fighting Procedure : Use 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.

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 in accordance with all local, state and federal regulations concerning health and pollution.

Comments: Product contains no ingredient subject to D.O.T. or E.P.A CERCLA/SARA Environmental Release Reporting 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 Amount 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 is Handling and Storing : Store below 90⁰F/32⁰C. Use reasonable care and caution.
- Other Precautions : Product forms acetic acid (HOAC) when ex-

posed to water or humid air. Provide ventilation during use to control HOAC exposure within 10 PPM (current TLV) or use respiratory protection.

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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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