



MATERIAL SAFETY DATA SHEET

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BLACK SILICONE GASKET MAKER PART NOS. 49200, 49290

SECTION I - IDENTITY INFORMATION

Description : RTV Silicone Gasket Maker - Black
Chemical Family : RTV Silicone

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</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 (@ 77⁰F/25⁰C) : N/A
Vapor Density (Air=1 @77⁰F/25⁰C) : Above 1
Solubility in Water (%) : <0.1
Specific Gravity (@ 77⁰F/25 F) : 1.03
Percent Volatile by Weight (%) : <5
Evaporation Rate (Ether=1) : N/A
Odor, Appearance and Color : Acetic Acid-Like, Paste, Black

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : Open Cup Above 250⁰F/120⁰C
Auto Ignition : Not Determined
Flammability Limits in Air : Lower - N/D Upper - N/D
Extinguishing Media : Water, water fog, CO₂, dry chemical, foam.
Special Fire Fighting Procedures : Use self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire & 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 : Wipe off excess, wash with soap and large volumes of water. Get medical attention if irritation develops.
- Inhalation : Remove to fresh air, use appropriate first aid, seek medical assistance.
- 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 acid vapors 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 if 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 material in accordance with local, state, and federal regulations.

Comments: Product contains no ingredient subject to D.O.T. or E.P.A CERCLA/SARA Environmental Release Reporting Regulations.

SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

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 in Handling and Storing : Store below 90⁰F/32⁰C. Use reasonable care and caution.

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.

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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Rev. 2/08/03