

MATERIAL SAFETY DATA SHEET

100% RTV Silicone - Low Volatile Formula

Manufactured by:

ADASEAL INTERNATIONAL, INC

5468 HWY 70 WEST

WAVERLY, TN 37185

PHONE# 931-296-2291

EMERGENCY PHONE CHEMTREC (800)424-9300

GENERAL INFORMATION

Proper Shipping Name (49CFR 172.101): None
D.O.T. Hazard Name (CFR 172.101): None
D.O.T. ID No. (49 CFR 172.101): None
D.O.T. Hazard Class (49CFR 172.101): None
RCRA Hazard Class (40 CFR 261)(If Discarded): None
E.P.A. Priority Pollutants (40 CFR 122.53): None
NFPA = National Fire Protection Association - 704
Health (NFPA): 1 Flammability (NFPA): 1 Reactivity (NFPA): 0
Case No.: Mixture General Description: Silicone
Colors available: black, blue, red, aluminum, clear

2. HAZARDOUS INGREDIENTS

<u>CAS No.</u>	<u>Ingredient</u>	<u>Wt %.</u>	<u>Exposure limits</u>
70131-67-8	Dimethyl siloxane, hydroxy-terminated	> 60.0	
7631-86-9	Silica, amorphous	7.0 - 13.0	
64742-46-7	Hydrotreated middle petroleum distillates	<= 7.0	OSHA PEL (final rule) and ACGIH TLV for oil mists: TWA 5 mg/m3.
17689-77-9	Ethyltriacetoxysilane	1.0 - 5.0	See acetic acid comments.
4253-34-3	Methyltriacetoxysilane	1.0 - 5.0	See acetic acid comments.

Comments: Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

3. 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. Repeat 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 amount 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. This product, as with any chemical, may enhance allergic conditions on certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

4. EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes. Get medical attention if irritation develops.
Skin: Wipe off and flush with water.
Inhalation: Move to fresh air.
Oral: No first aid should be needed.

5. FIRE AND EXPLOSION DATA

Flash Point: (Method used): > 212°F / > 100°C (Closed Cup)
Autoignition Temperature: Not determined
Flammability Limits in Air: Not determined
Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Unusual Fire Hazards: None

6. PHYSICAL DATA

Specific Gravity @77° F/25° C: 1.007
Viscosity: Not determined
Freezing/Melting Point: Not determined
Boiling Point: Not determined
Vapor Pressure @77°F/25°C: Not determined
Vapor Density: Not determined
Solubility in Water: Not determined
pH: Not determined

Odor, Appearance, Color: Acetic acid like, paste, Aluminum, Black, Blue, Clear, Red

Note: The above information is not intended for use in preparing product specifications. Contact Adaseal before writing specifications.

7. REACTIVITY DATA

Stability: Stable
Incompatibility (Material to avoid): Oxidizing material can cause reaction. Air or moisture causes curing and acetic 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.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None

8. SPILL, LEAK, MAINTENANCE/REPAIR 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, at a minimum.
Skin: Washing at mealtime and end of shifts 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: Adaseal suggests that all local, state and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Contact Adaseal if there are any disposal questions.
D.O.T.: (49 CFR 171.8) /EPA (40 CFR 117) Spill reporting information
Hazardous Substance: None
Reportable Quantity of Product: Not applicable

9. ROUTINE HANDLING PRECAUTIONS

Protective Equipment:
Eyes: Use proper protection -- safety glasses, at a minimum.
Skin: Washing at mealtime and end of shifts 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 protections unless local exhaust ventilation is adequate or air sampling data show exposures are within TLV and PEL guidelines.
Ventilation: Local exhaust: May be needed. Mechanical (General) : Recommended
Suitable Respirator: Acid Gas/Organic vapor type.

These precautions are for room temperature handling, use at elevated temperatures, or aerosol/spray applications may require added precautions. * Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

10. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store below 90F/32C. Keep container closed when not in use.
Other precautions: None known.

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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