

MATERIAL SAFETY DATA SHEET

MANUFACTURER: Spectrum Manufacturing Corp.
P.O. Box 2087
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Emergency Phone: 623/362-0076

SECTION I: PRODUCT IDENTIFICATION

IDENTITY: Spectrum RTV Silicone Adhesive

SECTION II: COMPONENTS/HAZARDOUS

	<u>CAS Reg. No</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% by Weight</u>
Methyltriacetoxysilane	004153343	None Established	None Established	2.00%
Ethyltriacetoxysilane	017689779	None Established	None Established	2.00%
Silica	007631869	None Established	10 mg/M3	10.00%

NON-HAZARDOUS INGREDIENT: Polydimethylsiloxane

SECTION III: PHYSICAL PROPERTY INFORMATION

Boiling Point: N/A
Vapor Pressure (mm Hg): <5 mm
Vapor Density: N/A
Specific Gravity (water=1): 1.04
Solubility in Water: <0.1%
Evaporation Rate (ETHER 1): <1
Melting Point: N/A
Appearance / Odor- Acetic acid-like paste

SECTION IV: FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point & Method: 212 Deg F/100 Deg C Open up
Flammable Limits: Not Determined
LEL %: N/D
UEL%: N/
Extinguishing Media: Water, Water Fog, CO2, 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

SECTION V: REACTIVITY DATA

Stability- Stable
Conditions to Avoid -Air or Moisture causes polymerization and acetic acid vapors are formed.
Incompatibility - Oxidizing Material can cause a reaction
Hazardous Decomposition or Byproducts:
Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products.

HAZARDOUS POLYMERIZATION- Will Not Occur
CONDITIONS TO AVOID - None

SECTION VI: HEALTH HAZARD DATA

Routes of Exposure: Inhalation - Yes Eyes/Skin – Yes Ingestion – Yes

Health Hazards: None Known

Carcinogenicity: NTP: No IARC MONOGRAPHS: No

OSHA Regulated: No

Signs & Symptoms of Exposures:

Ingestion: May Cause Stomach Discomfort

Skin Contact: Uncured product may irritate lips, gums, tongue and skin.

Eye Contact: Uncured product contact irritate eyes.

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures:

Eyes: Flush with water for 15 minutes. Obtain Medical Attention.

Skin: Wipe Off and Flush with water.

Inhalation: Remove to fresh air. Obtain Medical Attention.

Oral: Obtain Medical Attention.

Comments:

When heated to temperatures above 150 degrees C (300 degrees F) in presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and known skin and respiratory sensitizer. Vapors irritate eyes, nose and throat. Safe handling conditions may be maintained by keeping vapor concentrations within OSHA permissible exposure limit for formaldehyde.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Remove product and use absorbent material to take care of any oil-like residues.

Waste Disposal Method:

Review all local, state, and federal regulations concerning health and pollution to determine approved disposal method.

Precautions to be taken in handling and storage:

Store below 90 degrees F. Use reasonable care and caution.

Other Precautions:

None Known

SECTION VIII: CONTROL MEASURES

Respiratory Protection: Acid Gas/Organic Vapor Type

Local Exhaust: None established

Mechanical: None

Special: N/A

Other: N/A

Protective Gloves: Use chemical workers gloves.

Eye Protection: Use proper eye protection, safety glasses as minimum.

Other Protective Clothing or Equipment: None

Work Practices: Gross amounts of material should be removed from the skin as soon as practical, especially before eating or smoking.

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