



RTV 100% Silicone Adhesive Sealant

Flame Tech, Inc.
5180 Indiana Avenue
Winston Salem, NC 27106
1-800-638-3160
www.firestoppingcaulk.com

MATERIAL SAFETY DATA SHEET

I. Chemical Product and Company Identification

Product Name: RTV 100% Silicone Sealant
Chemical Name: Elastometric Silicone Sealant
Molecular Formula: Mixture
Proper DOT Shipping: Not subject to DOT (49 CFR172.101)
DOT Hazard Classification: None
Manufacturer: Flame Tech Inc.
5180 Indiana Avenue,
Winston-Salem, NC 27106
Manufacturer's Phone Number: 1-800-638-3160

II. Hazardous Ingredients

Name: Methyltriacetoxysilane
CAS Number: 4253-34-3
Percentage by Weight: 1.0-5.0
See acetic acid comments.

Name: Ethyltriacetoxysilane
CAS Number: 17689-77-9
Percentage by Weight: 1.0-5.0
See acetic acid comments.

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

The above components are hazardous per 29 CFR 1910.1200.

III. Hazards Identification

HMIS Hazard Rating: Health 2 Flammability 1 Reactivity 0

Note: The HMIS rating involves data interpretation that varies from company to company. This information is intended for general identification to specific hazards.
To safely handle this material, all of the information in this MSDS should be considered.

IV. First Aid Measures

ROUTES OF ENTRY:

Primary Routes of Entry: Skin and Inhalation

Inhalation: Slightly irritating.

Skin: Moderately irritating

Eyes: Direct contact may cause moderate irritation

Ingestion: Not expected to be a hazard in normal use.

SIGNS AND SYMPTOMS OF EXPOSURE:

Medical conditions generally Aggravated by Exposure: No evidence of adverse effects from available information.

EMERGENCY AND FIRST AID PROCEDURES:

Primary Routes of Entry: Skin and Inhalation

Inhalation: Remove subject to fresh air. No emergency care anticipated.

Skin: Wash thoroughly with soap and water. Get medical attention if irritation develops.

Eyes: Immediately flush with water for 15 minutes

Ingestion: No first aid should be needed.

Comments: Treat according to specifics of exposure.

Carcinogen: No NTP: No IARC Monographs: No

OSHA Regulated: No

V. Fire Fighting Measures

Flash Point: N/A

Autoignition Temperature: not determined

Flammability Limits in Air: not determined

Extinguishing Media: Foam, Dry Chemical, and Water Spray

Special Fire Fighting Procedures: Breathing apparatus required when fighting fires involving chemicals. Use water spray to cool exposed containers. Determine if evacuation is needed based on your emergency plan.

Unusual Fire and Explosion Hazards: None

Hazardous Decomposition Products: Carbon Oxides, Formaldehyde, silicone dioxide, and traces of incompletely burned carbon compounds may be evolved after exposure to very high heat.

Containment/ Clean Up: Observe all PPE requirements set forth in section 8. Scrape up and contain material for disposal. Observe all locals, state and federal laws and regulations regarding the disposal of this material. You will need to determine which federal, state and local laws applicable for disposal.

VI. Accidental Release Measures

Restrict area to only those personnel needed. Major spills should be collected for disposal.

VII. Handling and Storage

Use with adequate ventilation as product evolves acetic acid upon contact with humid air or water. Provide ventilation to control exposures of the vapor to within the guidelines of OSHA PEL: TWA 10pp, and ACGIH TLV: TWA 10ppm, STEL 15 ppm or use respiratory protection. Avoid contact with eyes and skin.

Storage: Store material in a cool dry place. Avoid contact with water, humid air, and oxidizing materials.

VIII. Exposure Controls and Personal Protection

Component exposure Limits:

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

Engineering Controls:

Local Ventilation: Recommended
General Ventilation: Recommended

Personal Protective Equipment:

Eyes: Safety glasses as a minimum

Skin: Wash at meals and end of shift. Chemical protective gloves are recommended.

Contaminated shoes and clothing should be removed and cleaned before reuse.

Ventilation: Good general ventilation should be sufficient.

Respiratory Protection: If engineering controls do not maintain airborne concentrations of hazardous ingredients below limits in Section II of this MSDS, then a NIOSH/ NSHA approved organic vapor respirator should be used.

IX. Physical and Chemical Properties

Boling Point: not determined	Specific Gravity: 1.032
Vapor Pressure (mmHg): not determined	Color: Various
Vapor Density (AIR=1): not determined	Viscosity: not determined
Solubility in Water: not determined	Freezing Point: not determined
Appearance: paste	Volatile organic Content: 32 g/L
Odor: Acedic acid odor (vinegar like)	

X. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: None

Materials to Avoid: Oxidizing agents, water, moisture, and humid air

XI. Disposal Considerations

As received, this material is not classified as a hazardous waste per RCRA Hazard class (40 CFR 261). State and local laws may impose added requirements regarding disposal.

XII. Transport Considerations

Marine pollutant components: None
DOT (USA): Not subject to DOT
DOT Hazard Classification: None
UN/ NA Number: Not applicable
Label Required: None
Ocean Shipment: Not subject to IMDG.
Air Shipment: Not subject to IATA

XIII. Regulatory Information

TSCA: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

DSL: All ingredients are listed on the DSL

SARA 302: No components subject to 40 CFR 370

SARA 312:

Acute:	Yes
Chronic:	No
Fire:	No
Pressure:	No
Reactive:	No

SARA 313: None present or none present in regulated quantities

ACGIH: not classifiable as a human carcinogen

Supplemental State Compliance:

California:

Warning: This product contains the following chemical(s) listed by the state of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known

Massachusetts:

<u>CAS Number</u>	<u>Component Name</u>	<u>% by Weight</u>
7631-86-9	Silica, amorphous	≤ 10

New Jersey:

<u>CAS Number</u>	<u>Component Name</u>	<u>% by Weight</u>
70131-67-8	dimethylsiloxane, hydroxyl terminated	≤ 87
7631-86-9	Silica, amorphous	≤ 10
4253-34-3	methyltriacetoxysilane	1.0-5.0
17689-77-9	ethyltriacetoxysilane	1.0-5.0

Pennsylvania:

<u>CAS Number</u>	<u>Component Name</u>	<u>% by Weight</u>
70131-67-8	dimethylsiloxane, hydroxyl terminated	≤ 87
7631-86-9	Silica, amorphous	≤ 10

XIV. Other Information

Disclaimer: The opinions expressed herein are those of qualified experts within Accumetric. We believe the information contained herein is current as of date of this MSDS. Since the use of the product is not within the control of Accumetric, it is the user's obligation to determine the conditions of safe use.