

MATERIAL SAFETY DATA SHEET

ASI #510 MILDEW RESISTANT SILICONE SEALANT

SECTION PRODUCT AND COMPANY IDENTIFICATION

American Sealants, Inc.
3806 Option Pass
Fort Wayne, IN 46818

24 Hour Emergency Telephone: (800) 535-5053
Customer Service: (800) 325-7040

INFOTRAC: (800) 535-5053

Current Version: 01/01/05

Generic Description : Silicone elastomer
Physical Form: Paste
Color: All Colors
Odor: Acetic acid odor
NFPA Profile: Health 1 Flammability 1 Reactivity 0

Note: NFPA = National Fire Protection Association

SECTION 2. OSHA HAZARDOUS COMPONENTS

<u>CAS Number</u>	<u>Wt%</u>	<u>Component</u>	<u>Exposure Limits</u>
004253343	2	Methyltriacetoxysilane	See acetic acid comments.
007631869	11	Silica, amorphous	Observe particulates limits. OSHA PEL: TWA 15 mg/m ³ total dust, 5 mg/m ³ respirable fraction. ACGIH TLV: TWA 10 mg/m ³ total dust.
017689779	2	Ethyltriacetoxysilane	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.

SECTION 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact irritates 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.

Repeated Exposure Effects

Skin: None Known.
Inhalation: None Known.
Oral: None Known.

Special Hazards

This material contains the following components with the special hazards listed below.

Carcinogens

None Known

Teratogens

None Known

Mutagens

None Known

Reproductive Toxins

None Known

Sensitizes

None Known

Comments: Please read the additional information below.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions component date and/or expert review of the product.

SECTION 4. FIRST AID

MEASURES

Eye: Immediately flush with water for 15 minutes. Get medical attention.

Skin: Remove from skin and wash thoroughly with soap and water or water less cleanser. Get medical attention if irritation or other ill effects develop or persist.

Inhalation: Remove to fresh air.

Oral: No first aid should be needed.

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SECTION 5. FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	Not Applicable -
Solid.	
Autoignition Temperature:	Not Determined
Flammability Limits in Air:	Not Determined
Extinguishing Media:	Carbon dioxide
(CO2). Water.	Water fog (or
spray).	Dry chemical.
Foam.	
Unsuitable Extinguishing Media:	None
Fire Fighting Procedures:	Self-contained
	breathing apparatus
	and protective
	clothing
	should be worn
in fighting fires involving chemicals.	
	If large amount is
involved, evacuate area.	
Unusual Fire Hazards:	None

Hazardous Decomposition Products:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Sulfur oxides. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Iodine compounds. Formaldehyde.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Containment/Clean-up: Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Scrape up and contain for salvage or disposal. Observe all personal protection equipment recommendations described in Sections 5 and 8. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

NOTE: See Section 8 for Personal Protective Equipment for Spills

SECTION 7. HANDLING AND STORAGE

Handling: No special precautions.

Storage: Keep container closed and store away from water or moisture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Local exhaust: Recommended

General Ventilation: Recommended

Personal Protective Equipment For Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Suitable Gloves: No special protection needed.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: Organic Vapor/Dust/Mist Type

Personal Protective Equipment For Spills

Eye: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation/

Suitable Respirator: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Precautionary Measures: Avoid eye contact. Avoid breathing vapor. Keep container closed.

Use reasonable care.

Comments: Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines (See Section 2) or use respiratory protection.

Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray applications, may require added precautions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Paste
Color: White
Odor: Acetic acid odor
Specific Gravity @ 25°C: 1.04
Viscosity Not Applicable.
Freezing/Melting Point: Not Determined.
Boiling Point: Not Applicable.
Vapor Pressure @ 25°C: Not Applicable.
Vapor Density: Not Applicable. Not
Applicable.
Solubility in Water: N
pH: Not Applicable.
Volatile content: Not Applicable.

Note: The above information is not intended for use in preparing product specifications

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Hazardous polymerization will not occur.
Conditions to Avoid: None.
Materials to Avoid: Oxidizing material can cause a reaction.

Comments: Water, moisture, or humid air can cause hazardous vapors to form as described in Section 2.

SECTION 11. TOXICOLOGICAL INFORMATION

Handling: No special precautions.

Storage: Keep container closed and store away from water or moisture. data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: Organic Vapor/Dust/Mist Type

Personal Protective Equipment For Spills

Eye: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation/

Suitable Respirator: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering

controls.

Precautionary Measures: Avoid eye contact. Avoid breathing vapor.
Keep container

closed. Use reasonable care.

Comments: Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines (See Section 2) or use respiratory protection.

Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray applications, may require added precautions.

SECTION 12. ECOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

SECTION 13. DISPOSAL INFORMATION

RCRA Hazard Class (40CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? N

Federal Hazardous Waste Code: NA

Characteristic Waste: **Ignitable:** NA **Corrosive:** NA

Reactive: NA

T **TCLP:** NA

State or local laws may impose additional regulatory requirements regarding disposal.

NA = Not Applicable

SECTION 14. TRANSPORT INFORMATION

DOT Information (49CFR 172.101)

Proper Shipping Name: Not Applicable

Hazard Technical Name: Not Applicable

Hazard Class: Not Applicable

UN/NA Number: Not Applicable

Packing Group: Not Applicable

SECTION 15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

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

requirements.

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances:
None

Section 304 CERCLA Hazardous Substances:

None

Section 312 Hazard Class:

Acute: Y
Chronic: N
Fire: N
Pressure: N
Reactive: N

Y = Yes N = No

Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

Supplemental state Compliance Information

CAS Number Wt. Component

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.

None Known.

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 birth defects or other reproductive harm.

None Known.

Massachusetts

007631869 11 Silica, amorphous

New Jersey

070131678 81 Dimethyl siloxane, hydroxy-terminated
004253343 2 Methyltriacetoxysilane
017689779 2 Ethyltriacetoxysilane
063148629 1 Polydimethylsiloxane
007631869 11 SILICA, AMORPHOUS FUMED; #1655

Pennsylvania

070131678 81 Dimethyl siloxane, hydroxy-terminated
007631869 11 Silica, amorphous

SECTION 16. OTHER INFORMATION

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial 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.