

Material Safety Data Sheet

SURE-SEAL ONE-PART POURABLE SEALER

MSDS No. 307647

Date of Preparation: 11/12/07

Revision: 001

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: SURE-SEAL ONE-PART POURABLE SEALER

Chemical Formula: Mixture

CAS Number: N/A

Other Designations:

General Use: Moisture cure sealant.

Manufacturer: Versico, LLC, 1285 Ritner Highway, Carlisle, PA 17013, Phone: 800-992-7663

Emergency Phone Number: CHEMTREC: 800-424-9300

Section 2 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆

Severe Eye Irritant

Skin Irritant and Sensitizer

HMIS

H 1

F 0

R 0

PPE[†]

[†]Sec. 8

Potential Health Effects

Primary Entry Routes: Eye contact, skin contact.

Target Organs:

Acute Effects

Inhalation: Short-term harmful health effects are not expected from vapors generated at ambient temperatures. However, this material is capable of generating small amounts of methanol when reacted with water. Methanol vapor may cause dizziness, drowsiness, disturbance of vision, and tingling, numbness in hands and forearms.

Eye: Contact can cause severe irritation. Repeated or prolonged contact may cause chemical burns to the eyes.

Skin: May cause irritation. Repeated or prolonged contact may cause dermatitis.

Ingestion: May be harmful if ingested.

Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Preexisting skin and eye disorders may be aggravated by exposure to this product.

Chronic Effects: No adverse effects anticipated from available information.

Section 3 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Amino Silane	1760-24-3	Proprietary
Vinyltrimethoxysilane	2768-02-7	Proprietary

Hazardous Ingredients:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Amino Silane	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vinyltrimethoxysilane	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Section 4 - First Aid Measures

Inhalation: If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.

Eye Contact: Irrigate immediately with plenty of water for several minutes.

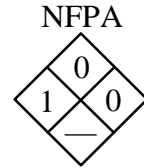
Skin Contact: Clean product from affected area with alcohol; Then wash with soap and water.

Ingestion: Induce vomiting as directed by medical personnel.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

Flash Point: N/E
Flash Point Method: N/E
Burning Rate: N/A
Autoignition Temperature: N/A
LEL: N/A
UEL: N/A



Flammability Classification: Not considered flammable.

Extinguishing Media: Foam, CO₂, and dry chemical. This material is reactive with water, but the reaction will not significantly increase the fire severity.

Unusual Fire or Explosion Hazards: None. This product is not considered flammable, but may become involved in a fire with other materials releasing typical hydrocarbon products of combustion.

Hazardous Combustion Products:

Fire-Fighting Instructions: Wear full protective clothing and positive pressure self-contained breathing apparatus.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: For minor spill, collect with absorbent material and dispose of properly.

Large Spills: Contain large spill by building a dike with absorbent material. Collect remainder of the spill with absorbent material and place the material into a container approved for waste disposal.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup:

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Use appropriate personal protection equipment. Avoid eye, skin and clothing contact. Keep away from heat, sparks and flame.

Storage Requirements: Store in a cool, dry area (60-80°F) away from incompatible materials. Do not freeze. Store away from heat, sparks, and flame.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Not ordinarily required. Use NIOSH or MSHA approved respirator as appropriate.

Protective Clothing/Equipment: Wear gloves and protective clothing to minimize contact with skin. Wear safety glasses or goggles to avoid eye contact.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water after use.

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Appearance and Odor: gray, viscous liquid
Odor Threshold(ppm): N/A
Vapor Pressure: N/A
Vapor Density (Air=1): N/A
Formula Weight: N/A
Density: 11.6-12.5 lbs/gal
Specific Gravity (H₂O=1, at 4 °C): 1.4-1.5 (H₂O=1)
pH: N/A

Water Solubility: Negligible.
Other Solubilities: N/A
Boiling Point(°C): >384 °F
Freezing/Melting Point(°C): N/A
Viscosity: 30,000-100,000 cps
Refractive Index: N/A
Surface Tension: N/A
% Volatile: <1%
Evaporation Rate: N/A
VOC: 0 g/l
Flash Point: N/E
Flash Point Method: N/E
Burning Rate: N/A
Autoignition Temperature: N/A
LEL: N/A
UEL: N/A

Section 10 - Stability and Reactivity

Stability: Considered stable.
Possibility of Hazardous Reactions: Will not occur.
Chemical Incompatibilities: Reacts with water and moisture; Reaction with water or moisture releases trace amounts of methanol.
Conditions to Avoid: N/A
Hazardous Decomposition Products: Thermal decomposition may produce toxic fumes of CO and/or CO₂.

Section 11- Toxicological Information

Eye Effects:

Amino Silane: Severe irritation causes corneal injury.
 Vinyltrimethoxysilane: Minimal irritation.

Skin Effects:

LD₅₀: >2000 mg/kg (Amino Silane)
 LD₅₀: >3400 mg/kg (Vinyltrimethoxysilane)

Toxicity Data:

Acute Inhalation Effects:

Rat, LD₅₀: 16.79 mg/L 4h (Vinyltrimethoxysilane)

Acute Oral Effects:

Oral LD₅₀: >2000 mg/kg (Amino Silane)
 Rat, oral, LD₅₀: >7300 mg/kg (Vinyltrimethoxysilane)

Chronic Effects: No adverse effects anticipated from available information.

Carcinogenicity: NTP-no, OSHA-no, IARC-no

Mutagenicity: No evidence.

Teratogenicity: No evidence.

Section 12 - Ecological Information

Ecotoxicity: N/A
Environmental Fate: N/A
Environmental Degradation: N/A
Soil Absorption/Mobility: N/A

Section 13 - Disposal Considerations

Disposal: If this product becomes a waste, it would not be a hazardous waste by RCRA criteria. Place in an appropriate disposal facility in compliance with local regulations.

Section 14 - Transport Information**DOT Transportation Data (49 CFR 172.101):**

Shipping Name: Not regulated.

Shipping Symbols: Not regulated.

Hazard Class: Not regulated.

ID No.: Not regulated.

Packing Group: Not regulated.

Label: Not regulated.

Special Provisions (172.102):
None

Section 15 - Regulatory Information**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification : Not classified

CERCLA Hazardous Substance (40 CFR 302.4) listed/unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112: Not listed.

CERCLA Reportable Quantity (RQ): N/A

SARA 311/312 Codes: Immediate (Acute) Health Hazard.

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ)

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance

State Regulations: California Proposition 65: This product contains no levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive harm.

Section 16 - Other Information

Prepared By: Research & Development

Revision Notes: Revised Sections 2, 3, 9 and 10

Additional Hazard Rating Systems:

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