



Safety Data Sheet

SECTION 1 – Identification of the substance/mixture and of the company/undertaking

Product Name: Smith's Aqua-Sil S

Product Code: SPS-105

Manufactured by:

Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
Toll-free: 1-800-466-8781
www.smithpaints.com

Chemtech

2900 Fairview Park Drive
Falls Church, VA 22042-4513
Toll-free: 1-800-262-8200
Emergency Hot Line: 1-800-424-9300

Product Use: Architectural coating applications

Not recommended for: Please refer to Product Data Sheet

SECTION 2 – Hazards identification

GHS Ratings:

Skin corrosion/irritation	2	Reversible adverse effects in dermal tissue, Draize score: ≥ 2.3 < 4.0 or persistent inflammation
Serious eye damage/eye irritation	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Acute aquatic toxicity	A1	Acute toxicity ≤ 1.00 mg/L
Chronic aquatic toxicity	C4	Acute toxicity > 100 mg/L and lack of rapid degradability and log Kow ≥ 4 unless BCF < 500 and unless chronic toxicity > 1 mg/L

GHS Hazards

H315+H320	Causes skin and eye irritation
H400	Very toxic to aquatic life
H413	May cause long lasting harmful effects to aquatic life

GHS Precautions

P264	Wash hand thoroughly after handling
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see supplemental first aid instruction on this label)
P362	Take off contaminated clothing and wash before reuse
P391	Collect spillage
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332+P313	If skin irritation occurs: Seek medical advice/attention
P337+P313	If eye irritation persists, seek medical advice/attention
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

Signal Word: Warning



Acute toxicity: Not classified based on available information.

SECTION 3 – Composition/information on ingredients

Chemical Name	CAS number	Weight Concentration %
Silane, triethoxy(octyl)-	2943-75-1	1.00% - 5.00%

SECTION 4 – First aid measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if symptoms occur.

Eye Contact: Flush eyes with water for at least 15 minutes. Consult physician if irritation persists.

Skin Contact: Wash affected areas with soap and water. Consult physician if irritation persists.

Ingestion: Call a physician immediately. Do not induce vomiting without medical advice.

SECTION 5 – Firefighting measures

Flash Point: >100°C (>212°F)

LEL:

UEL:

Extinguishing Media: Water, CO2, dry chemical, foam.

Firefighting Equipment: Use self-contained breathing apparatus, due to possible generation of toxic fumes.

SECTION 6 – Accidental release measures

Method and material for containment and cleaning up: Dike and soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Remove and dispose of in accordance with federal, state, and local laws.

SECTION 7 – Handling and storage

Storage Requirements: Keep from freezing. Keep container closed.

Handling precautions: Use only in well-ventilated areas. Avoid contact with eyes. Avoid contact with skin. Avoid breathing vapor. When using do not eat, drink or smoke. Mix before use.

SECTION 8 – Exposure controls / personal protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Silane, triethoxy(octyl)- 2943-75-1	Not Established	Not Established	Not Established

Engineering Controls: Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control that meets the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

Personal protective equipment: HMIS PP, C | Safety Glasses, Gloves, Apron

Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash should be readily accessible to the work area. Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants).

SECTION 9 – Physical and chemical properties

Physical State: Liquid	Color: Milky white
Odor: Mild	Odor threshold: Not available
Melting point/freezing point: Not available	Boiling point or initial boiling point and range: 100°C
Flammability: Not available	Lower and upper explosion limit: N/A
Flash point: >100°C	Auto-ignition temperature: N/A
Decomposition temperature: Not available	pH: >7
Dynamic viscosity: Not available	Solubility: Miscible in water
Partition coefficient n-octanol/water: Not available	Vapor pressure: 16.9 mmHg
Relative density: 1.00	Relative vapor density: 0.6
Particle characteristics: Not available	

SECTION 10 – Stability and reactivity

STABLE

Chemical stability: Stable

Conditions to avoid: Avoid spark or combustion sources. Use adequate ventilation. Avoid strong acids and bases.

Materials to avoid: None.

No Data Available

Hazardous decomposition products: None known.

Hazardous polymerization: Will not occur.

No Data Available

Hazardous polymerization will not occur.

SECTION 11 – Toxicological information

Mixture Toxicity

Component Toxicity

2943-75-1 Silane, triethoxy(octyl)-
Inhalation LC50: 22 ppm (Rat)

Potential health effects

Signs and symptoms of short-term (acute) exposure

Skin: Causes skin irritation.

Eye: Causes serious eye irritation.

Mutagenicity: Not classified based on available information.

Reproductive effects: Not classified based on available information.

Carcinogenicity

The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Available

SECTION 12 – Ecological information

Environmental fate and distribution: No specific information is available.

Component Ecotoxicity

Silane, triethoxy(octyl)-

LC50 96 h Oncorhynchus mykiss >0.055 mg/L (ECHA)

SECTION 13 – Disposal considerations

Product: As in accordance with EPA, state, and local regulations. Do not dump this product into sewers, on the ground or into any body of water. Dispose according to State and Federal Laws.

Disposing of contaminated packaging: Treat as unused product as above.

SECTION 14 – Transport information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
ADR/RID	water based emulsion	unregulated		non-hazardous
DOT	water based emulsion	unregulated		non-hazardous
IATA	water based emulsion	unregulated		non-hazardous
IMDG	water based emulsion	unregulated		non-hazardous

SECTION 15 – Regulatory information

The state of California Safe Drinking Water and Toxic Enforcement Act of 1986 "Proposition 65" Warning, this product can expose you to chemicals which are known to the state of California to cause cancer. For more information go to www.p65warnings.ca.gov.

No Data Available

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

No Data Available

R2K List

No Data Available

Country

Regulation

All Components Listed

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

No Data Available

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.

SECTION 16 – Other information

The material contained in this Safety Data Sheet is based on information supplied by the raw material suppliers of the individual components of this product. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

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