



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Poly-SEAL+ Low Sheen

Product Code: SCS-POLYSEAL-LS

Trade Name: Smith's Poly-SEAL+ Low Sheen

Manufactured by:

Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:

(800) 424-9300

Product Use: Concrete sealer

Not recommended for: For Professional Use Only;

Refer to Product Data Sheet

Section 2 - Hazards Identification

GHS Ratings:

Carcinogenicity	1A	Known Human Carcinogen Based on human evidence
Reproductive toxicity	1B	Presumed, Based on experimental animals
Specific target organ toxicity single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Specific target organ toxicity repeated exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure (guidance)
Acute aquatic toxicity	A3	Acute toxicity ≤ 10.0 but < 100 mg/L

GHS Hazards

H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H360	May damage fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H402	Harmful to aquatic life

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P260	Do not breathe dust / fume / gas / mist / vapors / spray
P261	Avoid breathing dust / fume / gas / mist / vapors / spray
P264	Wash hand thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area

P273	Avoid release to the environment
P281	Use personal protective equipment as required
P312	Call a POISON CENTER or doctor / physician if you feel unwell
P314	Seek Medical advice / attention if you feel unwell
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313	If exposed or concerned: Get medical attention / advice
P405	Store locked up
P403+P233	Store in a well-ventilated place. Keep container tightly closed
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

Signal Word: Danger



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
inert		50.00% - 60.00%
2,4,7,9-Tetramethyl-4-7-Decanediol	17913-76-7	1.00% - 5.00%
silica amorphous	7631-86-9	0.10% - 1.00%
Ethanol	64-17-5	0.00% - 0.10%

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. Call a POISON CENTER or doctor / physician if you feel unwell.

INGESTION - If material is ingested, seek immediate medical attention. Rinse mouth thoroughly. Do not induce vomiting.

Notes to Physician: Symptoms may be delayed.

Section 5 - Fire Fighting Measures

Flash Point: >94°C (>201°F)

LEL:

UEL:

Flammable Limits:

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical, or water spray / water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT:

Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using non-sparking tools, mix the appropriate adsorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne and solvent-borne coatings.

Collect the saturated adsorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas .

Ventilate the contaminated area. Using non-sparking tools, mix the appropriate adsorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne and solvent-borne coatings.

Collect the saturated adsorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40°F to 95°F (4°C to 35°C).

STORAGE: Prevent from freezing. Do not store above 120°F (49°C).

Store only in original containers.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
inert	Not Established	Not Established	Not Established
2,4,7,9-Tetramethyl-4-7-Decanediol 17913-76-7	Not Established	Not Established	Not Established
silica amorphous 7631-86-9	Not Established	Not Established	NIOSH: 6 mg/m3 TWA
Ethanol 64-17-5	1000 ppm TWA; 1900 mg/m3 TWA	1000 ppm STEL	NIOSH: 1000 ppm TWA; 1900 mg/m3 TWA

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

Appearance: Milky pH: 9-10 Specific Gravity (SG): 1.02 % Volume Solids: 23.75% g/L VOC: 24 g/L Flash Point: >201°F, >94°C	Odor: Ammonia Lb/Gal: 8.54 lb./gal. % Weight Solids: 24.36% %VOC: 2.31% g/L VOC-less water: 95 g/L
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Section 10 - Stability and Reactivity

Stability:

STABLE

Incompatibilities / Conditions to avoid: Elevated temperatures. Contact with oxidizing agent / oxidizers.
No Data Available

Hazardous Decomposition: Can produce Carbon Monoxide and/or Carbon Dioxide.

No Data Available

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

7631-86-9	silica amorphous Dermal LD50: 5,000 mg/kg (Rabbit) Inhalation LC50: 59 mg/L (Rat)
64-17-5	Ethanol Inhalation LC50: 134 mg/L (Rat)

Primary routes of entry: Inhalation, Skin contact.

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).

CAS Number:	Description:	% Weight:	Carcinogen Rating:
None			No Data Available

Section 12 - Ecological Information

Component Ecotoxicity

silica amorphous	LC50 96 h Brachydanio rerio 5000 mg/L (IUCLID) EC50 48 h Ceriodaphnia dubia 7600 mg/L (IUCLID) EC50 72 h Pseudokirchneriella subcapitata 440 mg/L (IUCLID)
Ethanol	LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L (EPA); LC50 96 h Pimephales promelas >100 mg/L (EPA); LC50 96 h Pimephales promelas 13400 - 15100 mg/L (EPA) LC50 48 h Daphnia magna 9268 - 14221 mg/L (IUCLID); EC50 48 h Daphnia magna 2 mg/L [Static] (EPA)

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

As cited in the IATA Dangerous Goods

Handbook:

Section 3.3.1.3: Liquids described in Section 3.3.1.2 with a flash point exceeding 35°C which do not sustain combustion need not be considered as flammable liquids for the purpose of these Regulations

(b) their fire point according to ISO 2592:1973 is greater than 100°C

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
ADR/RID	Water Based Paint	Unregulated		Non Hazardous
DOT	Water Based Paint	Unregulated		Non Hazardous
IATA	Water Based Paint	Unregulated		Non Hazardous
IMDG	Water Based Paint	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
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Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

-	inert	50 - 60%
17913-76-7	2,4,7,9-Tetramethyl-4-7-Decanediol	1.0 - 5%

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 to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. 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 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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