

PS100 Fluorinated Water, Oil & Salt Repellent WB Penetrating Sealer

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1 Identification

Product Identifier:

Trade Name

PS100 Fluorinated Water, Oil & Salt Repellent WB Penetrating Sealer

Recommended Use:

Dense Concrete, Stone & Masonry

Restrictions on Use:

Not for consumer spray applications. In industrial/ professional spray applications, use a coarse spray device, such as a trigger sprayer or pressurized dispenser, that does not produce respirable fine particles. **DO NOT AEROSOLIZE OR ATOMIZE.**

Supplier of the Safety Data Sheet:

Company Identification

Concrete Sealers USA
P.O. Box 5464
De Pere, WI 54115

Company Phone Number:

888-583-2991

Fax:

920-759-5100

Email:

info@concretesealersusa.com

Emergency Telephone Number:

CHEMTREC 1-800-424-9300

2 Hazard(s) Identification

Classification of the Substance or Mixture

OSHA HCS (29 CFR 1910.1200)

Acute Tox. 4; STOT RE 2

Label Elements

Hazard Symbol (s)



Signal Word (s)

DANGER

Hazard Statement(s)

Harmful if inhaled (Aerosol only).
May cause damage to organs through prolonged or repeated exposure:
liver (Aerosol only).

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2 Hazard(s) Identification (Continued)

Precautionary Statement(s)

Do not aerosolize or atomize.
 Do not breathe spray/mists.
 In case of inadequate ventilation wear respiratory protection.
 Wear protective gloves/eye protection/face protection.
 Use only outdoors or in a well-ventilated area.
 Wash hands and exposed skin after use.
 Keep container tightly closed.

Additional Information

Unlikely to be hazardous by inhalation unless present as an aerosol.

3 Composition / Information on Ingredients

Component	Weight %	CAS No.
Proprietary Fluorinated Chemical	3% - 7%	Trade Secret

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below. – **None**

4 First-Aid Measures



Description of First Aid Measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
Skin Contact	Wash with plenty of soap and water. If irritation (redness,rash, blistering) develops, get medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
Ingestion	Do not give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician. Treat symptomatically.

Most Important Symptoms and Effects, Both Acute and Delayed

In cases of severe exposure, breathing difficulty may develop.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If breathing is difficult, oxygen should be given by a trained person. Immediately call a POISON CENTER or doctor/physician.

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5 Fire-Fighting Measures

Extinguishing Media	
Suitable Extinguishing Media	Non-flammable/ Non-combustible. As appropriate for surrounding fire.
Unsuitable Extinguishing Media	None anticipated.
Special Hazards Arising from the Substance or Mixture	Combustion or thermal decomposition will evolve toxic and irritant vapours.
Advice for Firefighters	Firefighters should wear complete protective clothing including self-contained breathing apparatus.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear protective gloves/eye protection/face protection.
Environmental Precautions	Do not allow to enter drains, sewers or waterways.
Methods and Material for Containment and Cleaning Up	Contain spillages with sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible prevent water running into sewers.
Reference to Other Sections	None
Additional Information	None

7 Handling and Storage

Precautions for Safe Handling	Use product in a well-ventilated area only. Do not aerosolize or atomize. Do not breathe spray/mists. In case of inadequate ventilation wear respiratory protection. Wear protective gloves/eye protection/face protection.
Conditions for Safe Storage, Including any Incompatibilities	
Storage Temperature	Store in a well-ventilated place. Keep container tightly closed. Store at temperatures not exceeding 50°C/ 122 °F. Do not freeze.
Incompatible Materials	Avoid contact with: Strong oxidizing agents and strong reducing agents.
Specific End Use(s)	Dense Concrete, Stone & Masonry

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8 Exposure Controls / Personal Protection

Control Parameters

Occupational Exposure Limits

SUBSTANCE	CAS No.	(8hr TWA)		(STEL)		NOTE:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None		-----	-----	-----	-----	-----

Exposure Controls

Appropriate Engineering Controls

In industrial/ professional spray applications, use a coarse spray device, such as a trigger sprayer or pressurized dispenser, that does not produce respirable fine particles. **DO NOT AEROSOLIZE OR ATOMIZE.**

Personal Protection Equipment

The following to be used as necessary:

Eye/Face Protection

Safety glasses with side-shields.



Skin Protection (Hand Protection/ Other)

Gloves (Butyl rubber, Neoprene, or Natural rubber). Check with protective equipment manufacturer's data.



Respiratory Protection

Not normally required. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.



Thermal Hazards

Not normally required.

Environmental Exposure Controls

Do not allow to enter drains, sewers or waterways.

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9 Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State: Liquid

Appearance: Emulsion

Color: Clear to Yellowish

Odor: Not Available

Odor Threshold (ppm): Not Available

Property	Value
pH	8.8 to 9.5
Melting Point/ Freezing Point	Not Available
Boiling Point/ Boiling Range	> 212 F
Flash Point	> 212 F
Evaporation Rate	Not Available
Flammability (Solid, Gas)	Not Applicable
Explosive Limit Ranges	Not Available
Vapour Pressure (Pascal)	Similar to Water
Vapour Density (Air=1)	Similar to Water
Specific Gravity (g/ml)	1.01 to 1.03
Solubility (Water)	Dispersible
Solubility (Other)	Not Available
Partition Coefficient (n-Octanol/ Water)	Not Available
Auto Ignition Point	Not Applicable
Decomposition Temperature	Not Available
Kinematic Viscosity	Not Available/ Not Applicable
Explosive Properties	Not Explosive
Oxidizing Properties	Not Oxidizing
Other Information	Not Available

10 Stability and Reactivity

Reactivity	Stable under normal conditions.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None anticipated.
Conditions to Avoid	Do not freeze. Perishable if frozen.
Incompatible Materials	Avoid contact with: Strong oxidizing agents and strong reducing agents.
Hazardous Decomposition Product (s)	Decomposes in a fire or at high temperatures giving off toxic fumes: hydrogen fluoride, carbonyl fluorides, other phosphorylated or fluorinated organic compounds, and oxides of carbon.

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11 Toxicological Information

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on Toxicological Effects:

Proprietary Fluorinated Chemical (CAS No. Trade Secret) - By analogy with similar materials:

Acute Toxicity	Oral: LD50 > 5000 mg/kg (rat) Dermal: LD50 >5000 mg/kg (rat) Inhalation (4 hr) Approximate Lethal Concentration: 0.047 mg/l (rat)
Irritation/ Corrosivity	Non-irritant.
Sensitization	It is not a skin sensitizer.
Repeated Dose Toxicity	Not available.
Mutagenicity	Not available.
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Developmental Toxicity	Not available.
Toxicity for Reproduction	Not available.
Other Information	None known.

12 Ecological Information

Substances in Preparations/ Mixtures:

Proprietary Fluorinated Chemical (CAS No. Trade Secret) - By analogy with similar materials:

Acute Toxicity	LC50 (96 hour): >120 mg/l (Pimephales promelas) EC50 (48 hour): 16.2 mg/l (Daphnia magna) ErC50 (72 hour): >120 mg/l (Pseudokirchneriella subcapitata)
Long Term Toxicity	NOEC (21 day): 0.409 mg/l (Daphnia magna)
Persistence and Degradability	Not inherently biodegradable
Bioaccumulative Potential	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB Assessment	Not available.
Other Adverse Effects	None known.

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13 Disposal Considerations

Waste Treatment Methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

14 Transport Information

**Land transport
(U.S. DOT)**

UN Number	Not classified as dangerous for transport.
Proper Shipping Name	----
Transport Hazard Class (es)	----
Packing Group	----
Hazard Label (s)	----
Environmental Hazards	----
Special Precautions for User	----

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

15 Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

TSCA (Toxic Substance Control Act): Inventory Status: All components listed or polymer exempt. The Proprietary Fluorinated Chemical (CAS No. Trade Secret) in this product is subject to an action under TSCA Section 5(e) Consent Order.

TSCA 12(B): The Proprietary Fluorinated Chemical (CAS No. Trade Secret) (subject to export notification).

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories: See SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	----

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16 Other Information

Date of preparation: January 30, 2019

Training advice: None.

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