

1. Identification

Product Identifier	Clear Seal Water Based	
Other means of identification	HS-2440	
Product code		
Recommended use	Stone & grout impregnator/sealer.	
Recommended restrictions	Professional use only.	
Manufacturer information		
Company name	Harper Supply LLC	
Address	8821 Knight Rd Houston, TX 77054	
Telephone	(817) 529-1091	
Emergency phone number	PERS	(800) 633-8253
	24-hour Emergency	(800) 633-8253

2. Hazard(s) Identification

Physical hazards	Not classified	
Health hazards	Skin irritation	Category 2
Environmental hazards	Not Classified	
OSHA defined hazards	Not Classified	
Label elements		



Signal word	WARNING
Hazard statement(s)	Causes skin irritation
Precautionary statement	
Prevention	Do not breathe vapors or spray. Wash skin thoroughly after handling. Use in a well-ventilated area. Wear protective gloves.
Response	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse
Storage	No prescriptive instruction.
Disposal	No prescriptive instruction. Dispose in accordance with federal/state or local rules and regulations
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
Partially fluorinated alcohol, reaction products with phosphorous oxide, ammonium salts	None - Mixture	0.5-1.5
*Other components below reportable levels	95-98	

4. First-aid measures

Inhalation	No emergency medical treatment specified
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	Rinse with water. Get medical attention, preferably an ophthalmologist, if irritation develops and persists
Ingestion	Rinse mouth with water. No emergency medical treatment necessary.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Notes to physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient
General information	Ensure that medical personnel are aware of the material(s) involved. Low dermal hazard potential. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol-resistant foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	None specified.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen, phosphorus, and silicon
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. Evacuate area. Collect contaminated fire extinguishing water separately. This must not be discharged into sewer or storm drains without consulting local authorities. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental impact.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures	Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	<p>This product is miscible in water.</p> <p>Large spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into surface waterways. Following product recovery, flush area with water.</p> <p>Small spills: Wipe up with absorbent material (e.g., cloth, absorbent wipes). Clean surface thoroughly with detergent and water to remove residual contamination.</p> <p>Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.</p>

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Environmental precautions Avoid discharge into surface drainage paths and other areas not consistent with package labeling. Local authorities should be advised if significant spillages cannot be contained.

7. Handling and storage

Precautions for safe handling Avoid breathing mist. Avoid prolonged contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original, properly labeled, tightly closed container and away from incompatible materials (see section 10 of the SDS).

8. Exposure controls/personal protection

OSHA Threshold Limit Values

Components	Type	Value
Ethanol	PEL/TWA	1,000 ppm

US ACGIH Threshold Limit Values

Components	Type	Value
Ethanol	TWA	1,000 ppm
Ethanol	STEL	1,000 ppm

US WEEL Guidelines

Components	Type	Value
Propane-1,2-diol	TWA (8-HR)	10 mg/m ³

Biological limit values None established.

Appropriate engineering controls Good general ventilation should be used. It is recommended that users of this product perform a risk assessment to determine the appropriate personal protective equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or splash goggles).

Skin protection

Hand protection

The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Suggested protective materials: Nitrile and PVC rubber.

Other

None.

Respiratory protection

Respiratory protection is not required for prescribed use of this product. If discomfort is experienced, use a NIOSH-approved air-purifying respirator with organic vapor cartridge(s).

Thermal hazards

Not indicated for normal use of this product.

General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should be removed before leaving the workplace.

9. Physical and chemical properties

Appearance

Physical State	Clear to cloudy liquid.
Color	Milky

Odor	Characteristic. mild
Odor threshold	Not available.
pH	7-8
Melting/freezing point	Not available.
Initial boiling point and boiling range	100°C (212°F)
Flash point	>250°F (121°C)
Evaporation rate	Not available.
Flammability	Not available.
Flammability Limits	
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	1.0 (Estimated).
Solubility in water	Soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	>200°C (392°F)
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions. Store in a cool dark place.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	To avoid thermal decomposition, do not overheat.
Incompatible materials	Strong oxidizing materials
Hazardous decomposition products	Oxides of phosphorus and silicone, carbon monoxide, carbon dioxide, ethanol, and formaldehyde.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a very low ingestion hazard.
Inhalation	Prolonged inhalation may be harmful.
Skin contact	Expected to be a low skin contact hazard.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical, and toxicological characteristics	Dermatitis. Rash.
Acute toxicity	Not classified.

Product Clear Seal Water Based (CAS mixture)		
Exposure Classification	Route and Species	Test Threshold(s) LD ₅₀ /LC ₅₀
Acute	Dermal, rat	>5,000 mg/kg estimated
Acute	Oral, rat	>5,000 mg/kg estimated
*Estimates for product may be based on additional component data not shown		

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Skin corrosion/irritation	Prolonged contact may cause moderate skin irritation with local redness.
Serious eye damage/ irritation	May cause slight eye irritation.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	This product is not expected to cause mutagenic or genotoxic effects.
Carcinogenicity	This product is not considered to be a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	n-octyltriethoxysilanes have shown neurological effects in rats at very high dosage rates (>1000 mg/kg).
Aspiration hazard	Not a significant aspiration hazard.

12. Ecological information

Ecotoxicity		
Product Clear Seal Water Based (CAS mixture)		
Aquatic Receptor	Species	EC₅₀
Crustacea	Daphnia magna	260 mg/L, 48 hr estimated
*Estimates for product may be based on additional component data not shown		
<i>This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.</i>		

Persistence and degradability	No data available on the degradability of this product.
Bio-accumulative potential	No data available. Primary siloxane-based ingredients are expected to exhibit low to moderate bio-accumulation potential
Mobility in soil	No data available. Chemicals of these classes are moderately water-soluble and will partition readily to water and weakly to particles in low-clay soil matrices. They are expected to exhibit moderate to high mobility in saturated and semi-saturated soils
Other adverse effects	No other adverse environmental effects known (<i>i.e., ozone depleting substance, tropospheric ozone precursor, greenhouse gas emission, endocrine disruptor, or other significant deleterious environmental effect</i>)

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer, and the waste disposal company. As packaged, this product is not believed to meet criteria defining RCRA hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.
Waste from residues/unused product	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (See: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

DO Not regulated as dangerous goods
T

15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed.

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

California Proposition 65



WARNING: This product can expose you to Formaldehyde and Pentadecafluorooctanoic acid, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other information, including date of preparation or last revision

Issue date 11/8/2023
Revision date
Version # 1
HMIS® ratings Health:1
Flammability: 0
Physical hazard: 0

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA ratings Health: 1
Flammability: 0
Instability: 0

SAFETY DATA SHEET**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge and have been obtained from resources believed to be reliable. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.

Revision information

First issue.