CONCRETE RESTORATION PRODUCTS

SAFETY DATA SHEET (SDS)
DH-Permashield

Product Name: DH-Permashield
Manufacturer: Concrete Restoration Products (CRP)
Phone: 855-846-8277
Emergency Phone: CHEMTREC 1-800-424-9300
Date Issued: April 2026

SECTION 1: Identification

Product Identifier: DH-Permashield
Product Type: Water-Based Lithium Densifier / Reactive Primer
Recommended Use: Concrete densifier and polishing primer
Restrictions: For professional/industrial use only

SECTION 2: Hazard(s) Identification

GHS Classification:

- Skin Irritation – Category 2
- Eye Irritation – Category 2A

Signal Word: WARNING

Hazard Statements:

- Causes skin irritation
- Causes serious eye irritation

Precautionary Statements:

- Wear protective gloves and eye protection
- Wash thoroughly after handling
- Avoid contact with eyes and skin

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SECTION 3: Composition / Information on Ingredients

Component	CAS Number	% by Weight
Water	7732-18-5	60–75%
Proprietary	12627-14-4	15–25%
Proprietary	31795-24-1	1–5%
Proprietary	57-55-6	1–5%
Proprietary	124-68-5	<1%
Proprietary	169117-72-0	<1%
Proprietary	Proprietary	<1%

SECTION 4: First-Aid Measures

Eye Contact:
Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

Skin Contact:
Wash with soap and water. Remove contaminated clothing.

Inhalation:
Move to fresh air. Seek medical attention if symptoms persist.

Ingestion:
Do not induce vomiting. Rinse mouth and seek medical advice.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media:
Water spray, foam, dry chemical, CO_2

Hazards:
Product is non-flammable. May release irritating vapors when heated.

SECTION 6: Accidental Release Measures

- Wear PPE
- Contain spill and absorb with inert material
- Avoid release to drains
- Clean with water

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SECTION 7: Handling and Storage

Handling:

- Avoid contact with skin and eyes
- Use proper PPE

Storage:

- Store between 40°F – 100°F
- Store in tightly sealed containers
- Do not freeze

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls:

Use in well-ventilated area

PPE:

- Safety glasses
- Chemical-resistant gloves
- Protective clothing as needed

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Clear to slightly hazy liquid
Odor	Mild
pH	~11.0–11.8
Specific Gravity	~1.06–1.07
Boiling Point	~212°F
VOC Content	<50 g/L
Solubility	Completely soluble in water

SECTION 10: Stability and Reactivity

Stability: Stable under normal conditions

Conditions to Avoid: Freezing, extreme heat

Incompatible Materials: Strong acids

Decomposition Products: None known

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SECTION 11: Toxicological Information

- May cause irritation to skin and eyes
- Prolonged exposure may cause dryness or irritation

SECTION 12: Ecological Information

- Avoid release into environment
- Not expected to be highly toxic

SECTION 13: Disposal Considerations

- Dispose per local, state, and federal regulations
- Do not discharge into drains

SECTION 14: Transport Information

DOT: Not regulated

UN Number: Not applicable

Hazard Class: Not classified

SECTION 15: Regulatory Information

- TSCA: All components listed or exempt
- VOC compliant (low VOC)

SECTION 16: Other Information

This product is intended for professional use.
Information provided is believed accurate but not guaranteed.