



GHS Safety Data Sheet

SDS

LSC Environmental Products, LLC
Issue Date: August 18, 2016

Posi-Shell® EC Slurry

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1 Identification

Supplier LSC Environmental Products, LLC
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Product Name **Posi-Shell® EC Slurry**
Description: Alkaline Aqueous Suspension of Sodium Montmorillonite Clay (SMC) and pozzolanic hardeners.
CAS Number: N/A
Recommended Use: Spray applied environmental coatings.

2 Hazards Identification

Route of Entry: Eye Contact, Skin Contact

Hazards: Eye: Acute: May cause mechanical irritation.
Chronic: Eye contact with large amounts of cementitious slurry may cause effects ranging from moderate irritation to chemical burns and blindness. Such exposure requires immediate first aid and medical attention to prevent significant eye damage.

Skin: Acute: May cause drying, thickening, or cracking of skin.
Chronic: Extended exposure can result in chemical burns. Exposed persons may not feel discomfort until hours after exposure has ended and significant damage has occurred.

Ingestion: No known health effects if ingested in small amounts. Ill effects are possible if large amounts are consumed.

Inhalation: No known health effects.

NFPA: N/A

3 Composition / Information on Ingredients

Component	CAS#	Amount
Water	N/A	60 - 90%
Pozzolanic Hardeners*	N/A	5 - 35%
Sodium Montmorillonite Clay	N/A	< 10%

*Obtain SDS for specific hardener used.



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4 First-Aid Measures

Eye: Immediately flush eyes with water. Continue flushing for at least 15 minutes, including under eye lids, to remove all particles. Contact physician immediately.
Skin: Wash with cool water and pH neutral soap or mild detergent. Contact physician for all cases of prolonged exposure to wet cementitious slurry.
Ingestion: None known.
Inhalation: None known.

5 Fire Fighting Measures

Flammability: Non-flammable

6 Accidental Release Measures

Personal Precaution: Product is slippery.
Cleanup: Rinse thoroughly with water before product dries.

7 Handling and Storage

Handling: Personal hygiene measures, such as washing hands and face after working with materials, are recommended.
Storage: N/A

8 Exposure Controls / Personal Protection

Personal Protective Equipment:
Eye and Face Protection: Wear safety glasses with side shields or tight fitting goggles for protection from splash or spray.
Skin Protection: Wear gloves and overalls to protect skin and clothing from splash or spray.
Respiratory Protection: Generally not required; personal preference.

9 Physical and Chemical Properties

Appearance: Brown or grey viscous liquid.
Odor: Odor of wet cement or clay.
pH: 10-12 (dependent on type and quantity of hardener)
Relative Density (H₂O=1): 1.15 - 1.6
Bulk Density (at 20° C): 65 - 90 lbs/ft³
Solubility in Water: 10 - 40 % insoluble by weight (forms colloidal suspension).
Boiling Point: 212° F
Flammability: Non-flammable



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10 Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	None known.
Hazardous Polymerization:	Will not occur.
Incompatible Materials:	N/A

11 Toxicological Information

No information available

12 Ecological Information

No information available.

13 Disposal Considerations

Bury in licensed landfill according to local, state, and federal regulations.

14 Transportation Information

US DOT: N/A

15 Regulatory Information

None of the components in this product are known to be regulated by national or international regulatory bodies.

16 Other Information

SDS Status: Revised from MSDS format in 2015 to comply with GHS requirements.

All information presented herein is believed to be accurate; however, it is the user's responsibility to determine in advance of need that the information is current and suitable for their circumstances.

No warranty or guarantee, expressed or implied, is made by LSC Environmental Products, LLC as to this information or as to the safety, toxicity, or effect of the use of this product.