

Slurry Sponge

Item No: SS – 100 – 3

1. Description

DIAMAPRO® Slurry Sponge is a proprietary economical blend of drying polymers and bentonite clays. This slurry solidification agent can be used with water, water / cement slurry, silt and many water-borne paints that require disposal in a solid form.

DIAMAPRO® Slurry Sponge is a non-hazardous super absorbent used in many industries to solidify liquid slurries into a solid producing a landfill accepted material. It's leaching resistant properties produce a solid that is paint filter test compliant.

DIAMAPRO® Slurry Sponge captures the solids component of the slurry allowing the water to evaporate over time reducing disposable weight.

2. Features / Recommended Uses

Features

- Solidifies immediately after it is induced into the liquid mixture
- Forms a very stable, non-flowing solid once combined with the liquid mixture
- Enhanced polymer blend formulated to produce an easy to manage concrete slurry solid once mixed
- Adds less than 3% by volume to the final solid mixture reducing hauling costs
- Absorbs 200-300 times its own weight in wastewater
- Non-leaching formulation accelerates liquid evaporation once disposed of properly

- Helps solidified waste pass Toxicity Characteristics Leaching Procedure (TCLP) EPA Method 1311
- Helps pass EPA 9095B paint filter test for compliant landfill disposal
- Captures the solids component of the slurry allowing the water to evaporate reducing overall weight over time
- Solidified slurry will pass the EPA – TCLP and paint filter test allowing for compliant disposal into landfill.

Recommended Uses

- **DIAMAPRO® Slurry Sponge** is non-hazardous and an environmentally sound solution for the solidification of cement slurry and many types of paints and silt.
- Produces a solid once induced to safely remove cement slurry from a jobsite.
- Produces a solid when induced into many paint types ready for disposal

3. Technical Data

PHYSICAL PROPERTIES

- Appearance: Semi-granular
- Odor: Negligible
- Compatible with cement slurry (cement fines and water mixture)
- Compatible with most paints (testing recommended)

4. Limitations

DIAMAPRO® Slurry Sponge is used with water-borne slurries only.



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DIAMAPRO® Slurry Sponge must be kept away from any water source (rivers, lakes, water drainage) that is not intended to be solidified.

DIAMAPRO® Slurry Sponge must be kept out of pools, fountains and other water holding structures.

DIAMAPRO® Slurry Sponge can cause a slippery surface when used on a floor to remove cement slurry.

5. Application Procedures and Instructions

Cement Slurry Solidification

Deposit cement slurry into a containment drum suitable to hold liquid.

Mix **DIAMAPRO® Slurry Sponge** into the slurry at 1 pound to 5-10 gallons of slurry mixture. Mix for 5 minutes to create the reaction. The reaction will start immediately.

Once solidified, shovel solid granular mixture into trash bags and dispose of as normal construction waste. If spread out and allowed to dry the disposable weight will be reduced by the weight of the evaporated water.

General Solidification

Add 1 pound of **DIAMAPRO® Slurry Sponge** for each 5-10 gallons of water-borne paint / silt / slurry. Mix until the dry granules contact the water. Absorption will start immediately upon contact. Add more **DIAMAPRO® Slurry Sponge** if a drier consistency is desired. Evaporation will reduce the total weight over time.

6. Availability

DIAMAPRO® Slurry Sponge is only available through **DIAMAPRO® Systems** Authorized Distributors. Packaged in 5 pound units. For a list of Authorized Distributors please contact **DIAMAPRO® Systems**.

7. Conditions of Sale / Limited Warranty

Diamapro® Systems warrants this product for one year from date of purchase to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase prior replacement of this product exclusive of any labor costs at the discretion of **Diamapro® Systems**.

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8. Technical Services

The **DIAMAPRO® Systems** office offers assistance with specifications, performance test data and field services.



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9. Disclaimer

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field tests by government and private agencies, as well as lab tests, and on technical data from raw material manufacturers.

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