

DUST SUPPRESSANT & SOIL STABILIZER

SMT-310

REVISED 09/03/08

PRODUCT DESCRIPTION & BENEFITS

SealMaster Dust Suppressant and Soil Stabilizer is a synthetic polymer emulsion concentrate consisting of a combination of carefully selected polymers designed specifically for dust palliative and soil stabilization applications. It is safe, non-toxic and environmentally friendly. Provides superior bonding and stabilizing for lasting performance.

USES

- Dust control and palliative for both traffic and non-traffic applications
- Slope Erosion Control
- Unpaved Road Stabilizer
- Path & Trail Stabilizer
- Helicopter & Aircraft Runway Stabilizer
- Quarries and Gravel Roads
- Heavy Haul Roads
- Sub-base stabilizer - mixed up to 6-inches deep
- Hydroseed and Mulch Tackifier
- Stock Pile Sealant and Dust Cap
- ADA Trails and Cart Paths
- Agricultural Roads
- Military Operations
- Construction Sites
- Parking Lot Stabilizer

SIZES

Available in tank wagons, totes, and 55-gallon drums.

COLOR

Milky white liquid that dries clear.

ENVIRONMENTAL CONSIDERATIONS

An environmentally friendly, non-toxic synthetic polymer emulsion containing less than 100 grams per liter volatile organic content (VOC).

Typical Physical Properties Of Concentrate	
Solids Content % by weight	47 - 55%
Viscosity (Brookfield, #3 spindle @ 20 rpm)	<1500 CPS
Freeze-Thaw Stability	Protect liquid from freezing. Once applied, material is unaffected by freezing temperatures.
Weight Per Gallon @ 77°F	8.9 lbs.

INSTALLATION

For best results temperature should be 50°F and rising. Do not apply if rain is imminent or forecast within 24 hours.

TOPICAL APPLICATION

For best results apply evenly with pressurized spray equipment, distributor trucks, spray trailers, or hand

sprayers. Allow 24 hours for material to set before resuming traffic.

FULL DEPTH APPLICATION

Scarify, till or loosen dirt or gravel surface to a depth of 3 to 4 inches. Apply material with pressurized spray equipment. Two applications may be required to achieve recommended coverage rate. A grader may be used to level material prior to compacting with a roller. Once material has been rolled, a light application of material should be sprayed over the surface as a final lock down coat.

Dilution and Coverage Rates for Topical Applications		
Intended Product Use	Dilution Parts Water to Concentrate	Application Rate Sq.ft. per Gal. of Diluted Material
Dust Palliative - With Traffic	5 Water to 1 Concentrate	100 Sq. Ft. per gallon
Dust Palliative - No Traffic	8 Water to 1 Concentrate	100 Sq. Ft. per gallon
Unpaved Road and Parking Lot Stabilizer	4 Water to 1 Concentrate	30 Sq. Ft. per gallon
Helicopter Pad and Aircraft Runway Stabilizer	4 Water to 1 Concentrate	25 Sq. Ft. per gallon
Path and Trail Stabilizer	4 Water to 1 Concentrate	70 Sq. Ft. per gallon
Slope Erosion Control	8 Water to 1 Concentrate	180 Sq. Ft. per gallon
Hydroseed and Mulch Tackifier	12 Water to 1 Concentrate	400 Sq. Ft. per gallon
Stock Pile Sealant and Dust Cap	8 Water to 1 Concentrate	175 Sq. Ft. per gallon

Dilution and Coverage Rates for Full-Depth Soil Applications		
Intended Product Use	Dilution Parts Water to Concentrate	Application Rate Sq.ft. per Gal. of Diluted Material
Unpaved Military Runway	2 Water to 1 Concentrate	10 Sq. Ft. per gallon
Roadway - Heavy Duty/Haul Road	4 Water to 1 Concentrate	15 Sq. Ft. per gallon
Roadway - Light Duty	4 Water to 1 Concentrate	20 Sq. Ft. per gallon
ADA Trails, Cart Paths	4 Water to 1 Concentrate	15 Sq. Ft. per gallon

STORAGE AND HANDLING

Store unused containers of liquid material above 45°F. Do not allow unused containers of liquid material to freeze. Avoid long term storage over 130°F.

PACKAGING AND AVAILABILITY

SealMaster Dust Suppressant and Soil Stabilizer is supported by a nationwide network of SealMaster manufacturing facilities along with a national network of professional applicators.

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WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

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