



TOP-SEAL WHITE

DUST CONTROL

OVERVIEW

Top-Seal White (TSW) Liquid Soil Sealant and Stabilizer is shipped concentrated in 55-gallon drums and 275-gallon totes. The product is **non-hazardous**, environmentally safe, and easy to use. TSW is used for dust control, construction, or reconstruction of a soil base for roadways, airfields, parking lots, and all other types of projects that require improvement of traffic bearing capacity. A base that has been constructed with TSW is ready for traffic, or it can be further upgraded with a stabilized wearing surface which includes cold recycles concrete made with TSW.

SHIPPING

The product is shipped concentrated in 55-gallon drums or 275-gallon totes. A container can carry 16 totes or 80- drums.



PRODUCT HANDLING & MIXING

There are no special equipment or handling requirements for using TSW. The product is simply added to the water in a water truck during routine dust control operations. It is important to add the water to the water truck first to avoid highly concentrated product clogging pumps. It is recommended to agitate the product in the tote at least once every 4 months when being stored for long periods.

EQUIPMENT

Only a water truck is required for the application of TSW as a Dust Control Solution.



APPLICATION RATES

If these application rates are not clear, please contact your SCI representative. For Dust Control, the product is diluted at a rate of 15:1. 15 parts water, to 1 part product.



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This is for example purposes only. The total amount of required product for your length of road/area will be part of your purchase process. Utilize the example logic for your specific scenario.

A 1-mile-long road that is 24ft wide with average soil, will require approximately 500 gallons of product and 7,499 gallons of water for a total application of 7,998 gallons of diluted product. That total number is then divided by 6 for each of the passes. In this example 83 gallons of product will be diluted with 1250 gallons of water for each pass. If the spray bar, available for purchase from SCI, is 12ft wide, then two passes with the water truck, one on each side the of road, must be done within each 1/6th product application. If the spray bar only does 8ft of width, then three passes must be made to cover the full 24ft width.

APPLICATION PROCEDURES – DUST CONTROL

For Dust Control, the utilization of the product should be thought of in 1/6ths. Sunny days with no rain for the previous two weeks is recommended. The road should be dry with no standing water.

The first day of treatment should include 3 passes of 1/6th of the product each: Morning, Mid-day, End of Day. In two weeks, two more passes of 1/6th of the total product: Morning, End of Day. The final 1/6 of the product should be stored for a maintenance pass, which should not be needed for at least 6 months, up to a year or more in low traffic situations.

MAINTENANCE APPLICATIONS

Maintenance applications are simply another pass of the truck with 1/6 of the product. Additional product can be purchased for additional maintenance passes.

EXPECTED RESULTS – [FULL VIDEO](#)



BEFORE DUST CONTROL WITH TSW



AFTER DUST CONTROL WITH TSW



AFTER DUST CONTROL WITH TSB

Special Notes about Compliance and Safety: None of the chemicals used in the manufacturing of TSW are listed on the current environmental protection listings for toxic pollutants. In particular, there are no vinyl acetate or alkyl phenol ethoxylate (APE) surfactants used in the manufacturing of this product. All chemical components of TSW are approved and/or are in compliance with the U.S. Toxic Substances Control Act (TSCA) Inventory, and none of them appear in the U.S. Agency for Toxic Substances and Disease Registry (ASTDR).



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Unlike chlorides, TSW is not corrosive to equipment and traffic, and it does not wash out, biodegrade, or break down when exposed to moisture and traffic. TSW is non-regulated for transportation, it is easy to use, environmentally safe, and there is no special equipment or handling requirement.