

DustGuard

Dust Suppressant



Eco-Friendly Supreme Dust Control

BENEFITS

- *All Natural*
- *Long Lasting*
- *Proven Performance*
- *Biodegradable*

APPLICATIONS

*Construction Sites
Unpaved Roads
Haul Roads
Oil Fields
Ag Land
Equipment Yards
Runways
Helipads*

DustGuard offers dust suppression equal to or better than the widely used Polyvinyl Acetate (PVA) without the environmental concerns. DustGuard can be used in place of PVA's and other "glue-like" products. This polymeric soil solution works well to bind soil aggregates, reducing air born particles which can cause environmental, health and visibility issues. Unlike PVA's, DustGuard does not contain formaldehyde or other possibly carcinogenic materials which can require respiratory equipment during application.

DustGuard provides superior dust control while removing the worries of contaminating ground water.



Terra Novo

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Application Rates & Techniques

APPLICATION

As with all dust suppressants, application rates and methods depend upon the site, environment, soil type, and more. Please contact your Terra Novo representative for site specific recommendations. Each site is unique, and as such, the following application rates are based on averages in the field.

DustGuard works best when applied in two passes for thorough coverage. For maximum dust suppression, that will last up to one year, double the application rate recommended below.

Soil Type	Gallons / Acre*	Dilution Ratio
Sand	27 gal / acre	20:1
Silt	30 gal / acre	20:1
Clay	35 gal / acre	20:1

SURFACE PREPARATION

It is recommended to wet the surface with a light application of water prior to applying DustGuard. DustGuard remains wet during application and continues to cure as it controls the dust.

SAND SIEVE ANALYSIS

Sand Sieve Analysis is a practice or procedure used to assess the particle size distribution of granular material. The size distribution is critical in determining the type of dust suppressant needed and application rates to be used. The practice of Sieving is quick and accurate, measuring the maximum diameter of a sediment grain. There are four aspects of this proven test, including sizing, sorting, kurtosis, and skewness. After the analysis, we can determine the percent sand, silt and clay in your soil, and textural class, thereby recommended an accurate application rate and method for your needs.

Particle Grade	Size (mm)	Surface Preparation
very coarse sand	1-2	Smooth and level surface prior to application
medium sand	0.25-0.50	
fine sand	0.125-0.25	Loosen top inch of soil prior to application for better coverage/penetration, compact soil after application
silt	0.0039-0.0625	
clay	less than 0.0039	

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ABOUT US

Terra Novo is dedicated to helping the Storm Water and Erosion Control industry comply with strict Federal Clean Water regulations. We provide cost-effective Best Management Practice solutions that more and more erosion control and storm water specialists are turning to. Our engineers and chemists pride themselves by maintaining a hands on approach to solving site-specific problems. We have developed product lines for erosion control, dust control and storm water run-off with the end user in mind. All of our products are highly effective, extremely affordable, and environmentally friendly.

For technical services or to locate your nearest DustGuard dealer, call 1-888-843-1029 or visit us online at www.terranovo.com.