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Specializing in Soil Stabilization & Dust Control

Global Manufacturer & Distributor of
Soiltac® / Powdered Soiltac®
Durasoil® AND Gorilla Snot®



Letter of Introduction

Soilworks® , LLC is the innovator and manufacturer of Powdered Soiltac® soil stabilizer and dust control agent. Powdered Soiltac® is an eco-safe, biodegradable, dispersible dry powdered copolymer used to stabilize and solidify any soil or aggregate as well as erosion control and dust suppression.

Soilworks® recent advances in simulation, chemistry, processing techniques, and analytical instrumentation have allowed a whole host of new types of polymer particles and polymer nanotechnology applications to be realized. These advances led to the revolutionary development of nanotechnology into Powdered Soiltac's® superior performance.

As a powder, Powdered Soiltac® can be applied by either broadcasting the dry powder topically or mixing it into the treatment area and simply adding water over the site. Alternatively, Powdered Soiltac® can be pre-diluted into a liquid and applied in a similar manner. Powdered Soiltac® is designed to quickly hydrate into a solution that works its way throughout the aggregate or soil particles.

Once applied to the soil or aggregate, the copolymer molecules coalesce forming bonds between the soil or aggregate particles. The key advantage of Powdered Soiltac® originates with its long, nanoparticle molecular structure that link and cross-link together. As the water dissipates from the soil or aggregate, a durable and water resistant matrix of flexible solid-mass is created. Once cured, Powdered Soiltac® becomes clear to opaque, leaving the natural landscape to appear untouched.

Powdered Soiltac® results are based on the application rate used. Modest application rates are useful for dust suppression and erosion control by creating a three-dimensional cap or surface crust. Heavier rates can generate qualities similar to cement; useful for soil solidification and stabilization found in road building. By adjusting the application rate, Powdered Soiltac® can remain effective from weeks to several years. Most importantly, Powdered Soiltac® is a truly biodegradable product that is completely environmentally safe to use.

Powdered Soiltac® has been rigorously evaluated and its performance verified by the U.S. Army Engineering Research and Development Center (ERDC) against the industry's traditional top performing soil stabilizers and dust control agents. As a result, the Department of Defense continues to award Soilworks® with contracts to supply Operation Iraqi Freedom, Enduring Freedom and the on-going Iraq rebuilding efforts, as well as United Nations missions in Africa, with Soilworks® products. Its success with the U.S Military, Allied Forces and United Nations has led to Soilworks® GSA contract (# GS-07F-5364P).

Powdered Soiltac's® advanced nanotechnology is modernizing the way we stabilize soils and aggregates in addition to controlling dust and erosion for a whole new generation. Powdered Soiltac® applications are extensive ranging from simple backyard trails and construction sites to heavy-lift military cargo runways and global transportation infrastructure.

Soilworks® is dedicated to economically solving soil stabilization challenges throughout the world's residential, commercial, industrial and military markets. For more information about Powdered Soiltac®, please visit us online at www.soilworks.com or call 1-800-545-5420.

Respectfully,

Chad Falkenberg
President

