

Product Evaluation

RE: Review of Envirotac II Soil Stabilization

PRODUCT

Envirotac II Soil Stabilization and Dust Control is manufactured by Environmental Products and Applications located in La Quinta, California and distributed by RhinoSnot Canada Incorporated located in Calgary, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Envirotac II Soil Stabilization and Dust Control is a proprietary blend of polymers that use proven long-chain nano -technology to form complex bonds at the microscopic level between aggregates. Envirotac II allows existing soils and sands that would normally have no load bearing capabilities to be used for roads under heavy traffic at a fraction of the cost of traditional asphalt construction. Product Web Link: <http://envirotac.com/>

DESCRIPTION

Envirotac II is a water soluble, vinyl acetate acrylic copolymer. Envirotac II is a high performance, environmentally safe, low cost acrylic copolymer.

POTENTIAL USAGE

Envirotac II is the preferred soil stabilization and dust control product used by the U.S. military for roads, life support areas, air field and landing zone development. Envirotac II reduces sub-base deterioration, less rutting and increased load bearing capacity Envirotac II is non-flammable and does not release harmful gases.

STANDARDS

ASTM D1557 - Test methods of laboratory compaction characteristics of soil

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS

The Alberta Transportation Specification 53.31, Supply and Apply Dust Abatement is the only specification available for Dust Abatement at this time.

RECOMMENDATIONS

Envirotac II may be listed as a Proven Product under Alberta Transportation Products List, Stabilization (Soil) - proprietary, based on the information provided.

TRIAL PROJECTS

Hwy 853 – 2km N. of intersection of Hwy 853 and Hwy 589

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Jim Poole
Jim Gavin/Don Snider