

Product Evaluation

RE: Review of APS 700 Series Silt Stop Powders

PRODUCT

APS 700 Series Silt Stop Powders is manufactured and distributed by Applied Polymer Systems Inc located in Woodstock, Georgia, USA.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

APS 700 Series Silt Stop Powders reduce and prevent erosion of fine particles and colloidal clays from soil into storm water. Product web link:

http://www.siltstop.com/silt_stop_aps_700.html

DESCRIPTION:

APS 700 Series Silt Stop is a group of soil specific tailored polyacrylamide co-polymer powders for erosion control.

POTENTIAL USAGE:

APS 700 Series Silt Stop primary applications; Mine tailings and waste piles; newly cleared construction or building sites; road and highway construction; hydro-seeding and water truck application. When using APS 700 Series Silt Stop, soil testing is required to determine the dosage application.

Standards:

ASTM Guidelines E1023 – Guide for Assessing the Hazard of a Material to Aquatic Organisms and Their Uses

Studies: Toxicity tests and studies submitted along with MSDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has experience with this type of product.

APPLICATION STANDARDS:

Alberta Transportation standard for this product is listed in the Erosion and Sediment Control Manual BMP24b and BMP36.

RECOMMENDATIONS:

APS 700 Series Silt Stop Powders be listed as a Potential Product under Alberta Transportation Products List, Erosion and Sediment Control Systems – Polyacrylamide – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

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