SILT STOP® 700 SERIES
APPLICATION INSTRUCTIONS FOR DUST CONTROL
NY STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
IN CONSULTATION WITH THE
NY STATE DEPARTMENT OF HEALTH
FOR NY STATE DEPARTMENT OF TRANSPORTATION

METHODOLOGY

Primary Applications: APS Silt Stop® 702, APS Silt Stop® 705, APS Silt Stop® 712, and APS Silt Stop® 740.

- Mine Tailings and Waste Piles
- Newly Cleared Construction and Building Sites
- Road and Highway Construction
- Hydroseeding and Truck Application
- Hand Spreading and Ditch Placement

Application Rates

Sampling: This material may not be used without prior sampling of soil from each intended use site. Samples must be sent to Applied Polymer Systems, Inc. Laboratory (519 Industrial Drive, Woodstock, GA. 30189) or authorized personal of Applied Polymer Systems, Inc.

Application Process

Dry Form - APS Silt Stop® Powder may be applied by hand spreader, mechanical disk, or hand sowing. Slope or ditch application may require artificial support such as straw, matting or wood fiber mulch to reduce down slope movement. Areas of high water velocity will require soft armor, benching or tier structuring to reduce velocity. Sheet flow applications are best.

APS Silt Stop® powder may be mixed with dry sand, fertilizer or seed to aid in spreading or applied directly to the soil surface.

Ratios of sand, fertilizer or seed to Silt Stop® powder will vary in accordance with the type of spreading device used.

Liquid Form - APS Silt Stop® Powder may be applied with hydroseeders, water trucks, or other spraying devices. All spraying devices must have a mechanical agitator or mixing apparatus or hydraulic recirculation. Caution - Do Not mix powder into a spraying device that does not contain a mixing apparatus.

Page 1 of 2
Mixing - Sprinkle Powder into the water with the mixing apparatus operating as the last material to be added to the mix. One to five minutes of mixing will be required after the powder is sprinkled into the water. **ADD THE POWDER SLOWLY**- adding the powder too fast will result in clumping resulting in poor performance. Longer mixing times will create high viscosity solutions possibly causing some types of spray equipment to undergo cavitation.

**Recommended Dosage** - 1.3-7.5 lbs of powder / 1500 gallons of water/ ½ acre. **CAUTION** - Do Not exceed 7.5 lbs/ 1500 gallons as viscosity of the water may damage spraying equipment. (This will treat ½ acre.)

**Clean-up** - Spilled powder should be cleaned up dry as best as possible using broom or vacuum. Extreme slippery conditions will result if water is used. In the event of skin contact, wash powder from skin as soon as possible using soap and water.

**Precautions and Limitations**

- Prevent inhalation of powder, use adequate dust mask.
- Clean up spills quickly, Do Not use water unless necessary, extremely slippery conditions will result.
- Do not add water to APS Silt Stop® Powder; add the powder (sprinkle) to the water slowly.
- APS Silt Stop® Powder will remain viable on soil surface for 60-90 days. Longer viability will occur when applied powder is covered with straw or wood fiber mulch.
- APS 700 series Silt Stop® has been specifically tailored to specific soil types. Soil types in varying geographical areas require testing. If proper performance of this product is not satisfactory, contact Applied Polymer Systems, Inc (678-494-5998).