



SOLIDIBOND™ 1.1

Product Information

Description

SOLIDIBOND™ 1.1 is a proprietary mineral based super absorbent polymer blend for use in solidification of aqueous slurries. The inorganic mineral base aids in capturing heavy metals while the super absorbent polymer efficiently takes up water turning the slurry to a solid that passes the paint filter test for solid waste disposal. The high efficiency of **SOLIDIBOND™ 1.1** allows for low application rates eliminating bulking thus minimizing disposal costs. **SOLIDIBOND™ 1.1** is well suited for solidification of water based drilling and potholing fluids.

Characteristics

- Dry Fineness: 25 % plus 40 mesh / 45% minus 200 mesh
- Specific Gravity: 1.7 – 1.8
- pH: 5% slurry, 8 to 10
- Color: Light Tan

Application

- **SOLIDIBOND™ 1.1** should be spread as evenly as possible across the surface of the slurry to be treated. Simple mixing can be facilitated using an excavator or front end loader.
- Addition rates will vary from .5% to 3% depending on the density of the slurry and the desired set time. Example: 13 lb./gal slurry mixed .75% will pass the paint filter test in ~24 hours the same slurry mixed at 1.2% will pass the paint filter test in ~ 30 minutes. Water mixed at 2% will pass the paint filter in ~24 hours and water mixed at 3% will pass the paint filter in ~30 minutes.
- We recommend use of a proper respirator when handling **SOLIDIBOND™ 1.1**.

Packaging

SOLIDIBOND™ 1.1 is available in 50 lb. bags packaged 45 bags per pallet, and 2205 lb. bulk bags.