CETCO® SLURRYBOND™

Drilling Fluid Solidifier

DESCRIPTION

SLURRYBOND is a powdered inorganic mineral formula used for the solidification of high solids drilling slurries. SLURRYBOND is made from a non-biodegradable mineral designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT) or a slump test.

SLURRYBOND will solidify waste slurry on the job site and allow waste to be transferred to the disposal site.

RECOMMENDED USE

SLURRYBOND should be poured into or across the surface of the waste slurry pit. The SLURRYBOND can be stirred into the waste slurry with a backhoe or excavator.

CHARACTERISTICS

- Dry powder
- Environmentally safe – does not alter mud chemistry
- Helps waste slurry pass a Toxicity Characteristic Leaching Procedure (EPA Method 1311)
- Reduces volume and weight over time
- Sets in 24-36 hours
- SLURRYBOND absorbs 7.5 times its own weight in water
- Works in a wide pH range and wide percent solids content

PACKAGING

~50 lbs (22.7 kg) bags, 48 per pallet. All pallets are plastic-wrapped.

SOLIDIFICATION DOSING TABLES - SLURRYBOND															
SLURRY CHARACTERISTICS			DOSAGE BY WEIGHT ADDITIVE PER 100 GALLONS												
MUD WEIGHT (LBS/GAL) *	% SOLIDS BY VOLUME (GAL/GAL)	% SOLIDS BY WEIGHT (LB/LB)	58.3 LB	66.7 LB	75.0 LB	83.3 LB	91.7 LB	100 LB	108.3 LB	116.7 LB	125.0 LB	133.3 LB	141.61 LB	150 LB	158.3 LB
8.35	1.18	2.78	no	no	no	no	no	partial	partial	partial	partial	partial	okay	okay	good
9.00	4.89	11.62	no	no	no	no	no	partial	partial	partial	partial	okay	okay	good	good
9.75	11.55	25.21	no	no	no	no	partial	partial	partial	partial	partial	okay	okay	good	good
10.40	17.34	35.19	no	no	no	no	partial	partial	partial	partial	okay	okay	okay	good	good
11.40	22.41	42.81	no	no	no	no	partial	partial	partial	partial	okay	okay	good	good	good
12.00	26.90	48.83	no	no	no	partial	partial	partial	partial	okay	okay	okay	good	good	good
12.50	30.89	53.70	no	no	no	partial	partial	partial	okay	okay	good	good	good	good	good
12.90	34.48	57.73	no	no	partial	partial	partial	okay	okay	good	good	good	good	good	good
13.30	37.71	61.11	no	no	partial	partial	okay	okay	good	good	good	good	good	good	good

no	=	A result of 'no' means that this mix will require more solidification additive.
partial	=	A 'partial' result represents a very sticky material that can be left to sun-dry further until it reaches a workable consistency.
okay	=	An 'okay' result will pass the paint-filter test in 24 hours, but will be too sticky to shovel effectively.
good	=	A 'good' result represents one that is stable enough to shovel transport in 24 hours.

Note: Dosage rate are based on lab tests and will vary depending on the characteristics of the drill spoils.

All slurry formulations are based on a 2.8% solids blend of bentonite in DI water with added soils. Solidification additive content will increase with salt concentration.
Percent Solids by Volume refers trefers to the volume of solids per volume of slurry containing both bentonite and soils.
Percent Solids by Weight refers to the weight of solids per weight of slurry containing both bentonite and soils.
* Mud weight to percent solids relationship may differ dependent upon exact make up of fluid and solids.