

# SLURRYBOND™ 2000

## DRILLING FLUID SOLIDIFIER

### DESCRIPTION

SLURRYBOND 2000 is a powdered inorganic mineral and polymer formula used for the the solidification of high solids drilling slurries. SLURRYBOND 2000 is made from a non-biodegradable mineral and polymer mixture designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT) or a slump test.

SLURRYBOND 2000 will solidify waste slurry on the job site and allow waste to be transferred to the disposal site.

### RECOMMENDED USE

SLURRYBOND 2000 should be poured into or across the surface of the waste slurry pit. The SLURRYBOND 2000 can be stirred into the waste slurry with a backhoe or excavator or applied with soil mixing equipment.

### 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 1-36 hours
- Works in a wide pH range and wide percent solids content

### PACKAGING

40 lbs (18.1 kg) bags, 60 per pallet. All pallets are plastic-wrapped.

## SOLIDIFICATION DOSING TABLES - SLURRYBOND 2000

SLURRY CHARACTERISTICS			DOSAGE BY WEIGHT ADDITIVE PER 100 GALLONS							
MUD WEIGHT (LBS/GAL)*	% SOLIDS BY VOLUME (GAL/GAL)	% SOLIDS BY WEIGHT (LB/LB)	2.1 LB	4.2 LB	6.3 LB	8.3 LB	10.4 LB	12.5 LB	14.6 LB	16.7 LB
8.35	1.18	2.78	no	no	no	no	no	okay	good	good
9.00	4.89	11.62	no	no	no	partial	partial	okay	good	good
9.75	11.55	25.21	no	no	no	partial	partial	okay	good	good
10.40	17.34	35.19	no	no	no	partial	okay	good	good	good
11.40	22.41	42.81	no	no	no	partial	okay	good	good	good
12.00	26.90	48.83	no	no	partial	okay	good	good	good	good
12.50	30.89	53.70	no	no	partial	okay	good	good	good	good
12.90	34.48	57.73	no	no	partial	okay	good	good	good	good
13.30	37.71	61.11	no	no	partial	okay	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 laboratory 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 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.

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