



# Surface to Surface Inc.

Dependable & Efficient Mixers

1-800-567-0978

www.stsmixers.com



## FLAILBOND® 100 TECHNICAL SPECIFICATIONS

**FLAILBOND® 100** is used for the solidification and stabilization of waste fluids where hydrocarbons and or heavy metals maybe present. FLAILBOND® 100 is a granular, low-dust, inorganic, non-biodegradable mineral formula designed for use on waste that fails the Paint Filter Liquids Test (PFLT) and the Toxicity Characteristic Leaching Procedure (TCLP) for Heavy Metals and BTEX. The process is a combination of absorption and adsorption plus bonding by ion exchange. It is not a chemical reaction. FLAILBOND® products can be bucket (batch) mixed or use the STS FL-243 for more efficient and consistent mixing. *(The concentration of any contaminants may influence the test results. Call for assistance.)*

CHARACTERISTICS	
Color & Form	Beige Powder
Moisture Content	<10%
Bulk Density lbs./ft <sup>3</sup>	55
pH	6.5-8.5
PARTICLE SIZE	
0.3mm to 0.6mm	80.3%
0.15 mm to 0.3 mm	16.8%
0.07 mm to 0.15 mm	1.1%
Smaller than 0.07 mm	1.2%

**Typically 1 to 4% (by weight) Dose rate on most fluids**

### BENEFITS

- Works with slurries containing hydrocarbons.
- Sets up within 1 hour to surpass PFLT & TCLP tests.
- Minimal humidity effects.
- Designed for use with manual or mechanical mixing.
- Dust suppressant added minimizing dust concerns.
- Low dose rate equals low total tipping weight increase.
- Can be ordered in 50 lbs. bags or 2200 lbs. super sacs.



**From Problem to Solution in Minutes**