



Sorbond® LOC 40

technical specifications

Description

Sorbond LOC 40 is a solidification agent that chemically fixates heavy metal and organic bearing waste. Sorbond LOC 40 offers a distinct advantage over its sister formula, Sorbond LPC II, in that it will stabilize more of the organic portion of the waste prior to solidification.

CHARACTERISTICS		TOXICITY ANALYSIS			PARTIAL SIZE	
			EPA Standard ppm	Typical ppm	U.S. Standard Sieve Size	% Retained
Color	Beige	Arsenic	5.0	0.005	30 mesh	0
Moisture Content	6-9 %	Barium	100.0	0.4	50 mesh	0
Bulk Density (lbs/ft ³)	60±2	Cadmium	1.0	0.005	70 mesh	0
pH (5% dispersion):	9.5-11.5	Chromium	5.0	0.005	100 mesh	1.4
Specific Gravity:	2.5±0.5	Lead	5.0	0.05	200 mesh	17.7
		Mercury	0.2	0.02	-200 mesh	80.9
		Selenium	1.0	0.02		
		Silver	5.0	0.005		

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Benefits

- Sets up in 24-72 hours
- Offers a very low exothermic reaction during treatment
- Minimizes the total volume of resulting waste
- Helps waste pass Toxicity Characteristic Leaching Procedure (EPA Method 1311)

Dosage Rates

Typical Sorbond LOC 40 dosage rates vary from waste to waste. CETCO Oilfield Services Company lab results have shown dosage rates from 20-45% by weight. The mixture of Sorbond LOC 40, waste, and water are mixed into a smooth consistency prior to disposal in a final receptacle.

WATER TREATMENT | PIPELINE | WELL TESTING

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