



PROCOR CHEMICALS, INC.



Technical Data Sheet SB SuperCeal™

DESCRIPTION

SB SuperCeal™ is a unique blend of loss circulation materials, modified resin along with proprietary agents that can be used in all mud systems for sealing permeable formations. **SB SuperCeal™** was specifically designed for use in oil or synthetic based mud systems due to its minimal effects on rheology, electrical stability (ES) and Low Gravity Solids (LGS). Its primary uses are to enhance wellbore stability, reduce fluid loss, prevent loss circulation, minimize differential pressures and prevent any wall sticking which may occur when drilling depleted zones. **SB SuperCeal™** is a single sack additive which provides a micron range from 0- 600 microns which was found to be the optimal range for bridging and sealing most permeable formations without the additions of any other materials.

TYPICAL PROPERTIES

Appearance	Dark brown to black powder
Typical particle diameter	10-650 microns
Specific Gravity	1.2 - 1.5
Manufacturing	Compliant with ISO QA (Quality Assurance) testing standards.
Solubility in DI water, %	75 minimum
LC 50	1,000,000 ppm

STATIC SHEEN TEST RESULT

Sample	Free oil	Oil Sheen	Oil Slick	Suitable to discharge
SB Superceal™	No	No	No	Yes

PERFORMANCE DATA

Fann 600 @ 150°	140	165
Fann 300 @ 150°	85	97
Fann 200 @ 150°	63	70
Fann 100 @ 150°	40	44
Fann 6 @ 150°	11	14
Fann 3 @ 150°	9	12
PV	65	68
YP	20	29
10 sec./10 min/30 min gel strength	14/26/32	16/28/32
Alkalinity	3.9	4.1
Solids % by volume	32	33
HPHT filtrate, ml @ 300° F	3	2
Cake Thickness: /32nds	3	3
Oil/Water Ratio	51/17	51/16
Low Gravity Solids (LGS %)	1.3	2.1
Electrical Stability (ES)	230	238

PACKAGING

SB SuperCeal™ is packaged in 25lb sx./ 80 sxs. per pallet.