POROSEAL

P821.0202

WBM/OBM Drilling

Product Description

POROSEAL is an extruded inorganic fiber used to prevent the movement of whole drilling fluid and filtrate to porous and permeable formations.

Product Function

POROSEAL is utilized to combat lost circulation in both water and oil base drilling fluids.

Features and Benefits

POROSEAL is fully acid soluble, thermally stable, non–toxic, non–combustible, non– fermenting, inorganic, non–polluting, non– corrosive and contains no asbestos. POROSEAL is easily wetted and compatible with both oil and water based muds and emulsion. POROSEAL contains a wide range of graded fibrous particles that have interlocking nature which creates a bridging effect at the well bore and a matting effect within the wall cake. POROSEAL can be utilized to sweep the hole or spotted over the thief zone when losses occur.

Recommended Treatment

Treatment levels for POROSEAL are dependent upon the type of losses to be cured or prevented. Concentration guidelines are as follows : Seepage control while drilling: 4 – 8 lbs/bbl Sweeping application: 15 – 30 lbs/bbl in 25 – 50bbl sweeps Lost circulation: 50 – 100 lbs/bbl

International Shipping References

Transportation of POROSEAL is not restricted by any regulatory agency.

Standard Packing

POROSEAL is packaged in 30 lbs (13.6 kgs) multiwall paper sack.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Non-Reservoir
- Sub Category: Inorganic fiber
- SG value: 2.6
- Bulk Density g/cm³: 1.3 - 1.7
- Max Temperature: 350
- Category: LCM
- Product Tier: Regular
- Appearance: Free flowing powder

+971 2 610 7000
info@ppc.ae | www.ppc.ae
Abu Dhabi | UAE

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