



Description

PHENO-SEAL[®] is a chemically stable thermoset laminate used to correct lost circulation in all water, oil, and synthetic-based fluids and cements. PHENO-SEAL is ground from laminate sheets into flakes of various sizes, which allow for maximum seal-ability at a very efficient dosage per barrel.

Applications

PHENO-SEAL is used in all water, oil and synthetic drilling fluids as a premium-performance Lost Circulation Material (LCM). PHENO-SEAL maintains the best cost-to-benefit ratio of any LCM product, greatly outperforming nutshells, fibers, mica and other blended materials for sealing fractures. PHENO-SEAL can be used in any fluid-based drilling system; anywhere that significant fluid loss is a major concern.

Physical Properties

Material	Ground thermoset laminate
Form	Hard, flat chip
Specific Gravity	1.3
Chemical Resistance	Inert
Color	Varied
Temperature Range	Stable up to 500°F (260°C)

Packaging

Bags	40.0 lb (18.15 kg)
Pallets	50 bags; 2000 lb (909 kg)

PHENO-SEAL[®] can be purchased from FORTA Corporation or an authorized FORTA[®] products distributor, dealer or representative.

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Installation

PHENO-SEAL should be added at a rate of 10 to 30 ppb to a 25 to 50 barrel pill, mixed and pumped downhole. After regaining circulation, 40 to 160 lb per hour (1 to 4 sacks) of PHENO-SEAL should be mixed to reduce fracturing of a newly drilled formation. To minimize seepage loss, 80 to 320 lb per hour (2 to 8 sacks) of PHENO-SEAL should be mixed into the system while drilling.

Additional Information

Additional information such as the Safety Data Sheet, Certifications, videos and other literature can be found on the super-sweep.com website.

Warranty

FORTA[®] products are warranted to be free of defects in material and meet all quality control standards set by the manufacturer. FORTA Corporation specifically disclaims all other warranties, express or implied. The exclusive remedy for defective product shall be to replace the product or refund the purchase price. No agent or employee of this company is authorized to vary the terms of this warranty notice. FORTA Corporation has no control over the design, production, placement, or testing of the drilling products in which FORTA[®] products are incorporated, and therefore FORTA Corporation disclaims liability for the end product.

FORTA reserves the right to change the features and specifications of its products without prior notice.



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