



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 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.

Limited Warranty

FORTA[®] Products are warranted to be free of defects in material and workmanship and will meet all published physical properties as set forth herein. FORTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO AGENT OR EMPLOYEE OF FORTA IS AUTHORIZED TO VARY THE TERMS OF THIS WARRANTY NOTICE.

The exclusive remedy for defective Product shall be a replacement of Product, a refund of the purchase price, or repair, at FORTA's sole discretion. CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.

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