

Product Summary

SYN-Seal is a single sack, chemically modified resin and cellulose fiber compound that contains no asphalt or asphalt derivatives. SYN-Seal is effective at both low and high temperatures and has a broad application in oil and synthetic base mud systems.

Physical Properties:

Appearance: Dark Gray Powder
 Specific Gravity (g/mL.): 1.56
 Odor: Slight
 pH in 1% solution: 6-8

Wellbore Stability Benefits:

- SYN-Seal is compatible in all mud types.
- Reduces differential sticking tendencies in low pressure sands.
- Highly efficient at sealing micro-fractured formations while minimizing unstable wellbore situations.
- SYN-Seal has a secondary benefit of improved emulsion stability.
- Excellent seepage and lost circulation control without damaging mud rheology.
- Mixes easily through the hopper and has minimal losses over shaker screens and solids control equipment.



Recommended Treatment

- System Treatment: 6-10 ppb
- Sweeps: 5-10 ppb along First Response @ 10-30 ppb
- Pill: SYN-Seal can be run with First Response to maximize effectiveness in zones where there are whole mud losses.

Handling and Storage

Proper PPE should be worn while handling this product. Minimize dust exposure. Please review SDS before

Packaging

SN-Seal is available in 25 lb. sacks, 50 sacks/pallet.

SYN-Seal PSD

U.S. Mesh Screen (Micron)	Product Retained, g
18 (1000μ)	1.0
35 (500μ)	1.0
60 (250μ)	5.0
100 (150μ)	9.2
120 (125μ)	5.0
140 (106μ)	5.0
200 (75μ)	12.0
270 (53μ)	16.0
400 (38μ)	45.0

Red, round spheres are the unique phenolic resin that form a matrix like seal with the "worm-like" cellulose fiber inside the fracture.

