



HiTech Fluid Systems

THE BALANCE IS ALWAYS IN THE SERVICE

HiTech Seal™ Product Data Sheet

Description

Patent pending multi use additive for oil and water base fluids.

HiTech Seal™ is a blend of cellulosic fibers products for use as a lost circulation and plugging agent.

Properties

Form:	Powder	Solubility:	Miscible in water or oil
Color:	Light Brown	Density:	1.2 – 1.4
Odor:	None	pH	7.0 – 7.8
Temperature Stability:	450 °C		

Application

HiTech Seal™ for seepage and lost circulation control.

HiTech Seal™ is a biodegradable, non toxic inert additive that is more than 70 % acid soluble. The primary function of this product is to control seepage and whole mud losses. Secondary benefits of this product include effective HPHT filtrate control at temperatures above 500 °F, no noticeable effect on rheology or electrical stability and negates the use of formation damaging gilsonites and asphaltic resins. Typical treatment concentrations are:

- For seepage loss control 4 to 20 ppb
- For partial to severe losses 20 to 35 ppb

Compatibility

Universally compatible

HiTech Seal™ is compatible with oil base, synthetic base and water base fluids.

Handling and Storage

*** Refer to Material Safety Data Sheet . . .**

Store in a dry location. Opened bags should be tightly resealed. **HiTech Seal™** is non-toxic and virtually harmless. The dust may be irritating to the eyes and nose. A paper dust mask, safety glasses and cloth gloves are recommended during handling. Refer to the Material Safety Data Sheet for more detailed information.

Packaging

Specialty packaging is available . . .

HiTech Seal™ is packaged in 25 or 50 lb. multi-wall paper bags.

Questions & Answers

HiTech Fluid Systems “The Balance Is Always In The Service”

If you would like to know more about the HiTech Specialty Product Technologies and how it can improve your well performance please contact us at:

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No claim of personal safety is intended nor implied by the use of the name Safe in this product. Personnel handling this material should read and follow all safety and handling procedures set forth on the Material Safety Data Sheet.