KWIK PLUG FINE

Bentonite sealing agent

APPLICATIONS
- Seal or grout casing in well construction
- Plug abandoned earthen boreholes
- Seal ponds and other water structures

ADVANTAGES
- Reduces dust
- A low-permeability and flexible seal

KWIK PLUG FINE* bentonite sealing agent is composed of dried sodium-montmorillonite clay. KWIK PLUG* bentonite sealing agents can be used as a sealant for earthen structures and dry, shallow-hole abandonment. KWIK PLUG agents can also be used to control lost circulation in mud used in rotary or coring operations.

NSF
Certified to
NSF/ANSI 60

Addition methods
For an earthen structure seal, the normal treatment is 1 to 2 lb/ft^2, depending on the soil type. Treatment concentration should be tested using a 5-gal [18.9-L] bucket with holes punched in the bottom. Put the soil to be treated in the bucket and add 1 to 2 lb [0.5 to 0.9 kg] of KWIK PLUG FINE agent. Pour water into the bucket and observe the seal. By using this method, the exact concentration of bentonite can be determined.

For lost circulation control in mud rotary applications, add KWIK PLUG FINE agent directly to the suction pit. For coring-rig applications, mix bentonite in vegetable oil and pour the solution down the rods. Pump slurry to the point of the lost circulation, then pick up the rods and wait while the slurry hydrates.

For dry, shallow-hole abandonment, pour the required amount of sealing agent directly down the borehole and hydrate with freshwater.

Limitations
When used as recommended, there are no limitations imposed on this product.

Toxicity and handling
Bioassay information is available on request. Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the MSDS.

Packaging and storage
KWIK PLUG agents are packaged in 50-lb [22.7-kg] heavy-duty multiwall waterproof sacks and various sized super sacks. Store in a cool, dry place.

Typical Physical Properties	
Physical appearance	Gray white granular
Specific gravity	2.5
Solubility	Insoluble in water
Size fine	
4-mesh	97% minimum passing
20-mesh	5% maximum passing
Size mirco	
8-mesh	97% minimum passing
20-mesh	5% maximum passing