

# POND SEAL

## SODIUM BENTONITE POND SEALANT



### DESCRIPTION

**Pond Seal** is a high swelling chemically unaltered sodium bentonite that contains no additives. It is an economical way to accomplish pond and lake sealing to reduce seeping losses.

**Pond Seal** is a natural clay which has the characteristic of swelling 10 to 12 times its dry size when it become wet. When bentonite is applied in a layer over porous soil or mixed with a porous soil, and then, moistened with water, it forms an impermeable layer. Bentonite does not affect the water or the wildlife.

For more information, please logon to our website: [www.pondseal.com](http://www.pondseal.com)

### APPLICATION

**Pond Seal** can be applied directly to the soil in the bottom of the lake or pond, or it can be sprinkled to the bottom. Treatment is usually more effective if the bentonite is applied directly to the soil. The sprinkle method is recommended only when it is impractical to drain the water from the area to be treated.

**Pond Seal** should be applied at a rate of 1 to 2 pounds per square foot of soil surface dependent upon soil conditions. Course soils require more bentonite and greater water depths increase the pressure in the bottom of the pond or lake and require more bentonite.

### PACKAGING

Available in 50 lb polyethylene bags

### CHEMICAL ANALYSIS

SiO <sub>2</sub>	66.60	%
Al <sub>2</sub> O <sub>3</sub>	17.60	%
Fe <sub>2</sub> O <sub>3</sub>	3.67	%
CaO	0.57	%
MgO	1.80	%
Na <sub>2</sub> O	2.50	%
K <sub>2</sub> O	0.31	%
Bound Water	6.51	%
Moisture at 20 <sup>o</sup> F	0.14	%

### X-RAY ANALYSIS

Montmorillonite	85	%
Quartz	5	%
Feldspars	5	%
Cristobalite	2	%
Illite	2	%
Calcium & Gypsum	1	%



POLYMER DRILLING SYSTEMS