TECHNICAL DATA SHEET

Environmental Grout & Sealant

PEL-PLUG

BENTONITE PELLETS

DESCRIPTION

Pel-Plug is a compressed 100% pure, chemically unaltered high swelling western sodium bentonite pellet, and it is available in three sizes: 1/4 “, 3/8”, and 1/2”.

ADVANTAGES

1. Clean, dust-free, and easy to handle.
2. Non-toxic and non-polluting.
3. No mixing; can be poured into hole dry.
4. Do not disintegrate upon swelling; seals are tough but flexible, and do not crack when subjected to movement.

REGULATORY STATUS

The components of **Pel-Plug** are reported in the Toxic Substances Control Act Inventory, July 1979. **Pel-Plug** is not a hazardous material as defined in the EPA criteria for identifying the characteristics of a hazardous waste and listing a hazardous material (49 CPR Part 172, subpart B). Non-toxic to aquatic species: LC-95 100,000 mg/l.

RECOMMENDED USAGE

USAGE CHART

Hole Diameter	2”	3”	4”	5”	6”	7”	8”
Lbs of pellets/Ft of seal	1.75	4	7	11	16	22	28

NOTE: These are dry weights and volumes. In use, the swelling of the pellets will increase the length of the seal (depending on hole condition).

PACKAGING

Pel-Plug is packaged in waterproof 50 lb plastic pails.

CHEMICAL ANALYSIS

SiO_2	66.60	%
Al_2O_3	17.90	%
Fe_2O_3	3.67	%
CaO	0.57	%
MgO	1.80	%
Na_2O	2.50	%
K_2O	0.31	%
Bound Water	6.51	%
Moisture at 220^0F	0.14	%
TOTAL	**100.00**	**%**

X-RAY ANALYSIS

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

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