



GEL B

DESCRIPTION

GEL B is finely ground attapulgite clay (hydrous magnesium aluminum silicate).

TYPICAL PHYSICAL PROPERTIES

Specific Gravity	2.35
% Moisture	18
pH (20% sol'n)	10
Color (Visual)	Gray
Wet Screen Analysis	
% retained, 325 mesh	3
Bulk Density, lbs./ft. ³	
Loose	30
Packed	48

TYPICAL CHEMICAL ANALYSIS

% SiO ₂	59.2
% Al ₂ O ₃	11.4
% MgO	11.1
% CaO	1.6
% Fe ₂ O ₃	4.2
% K ₂ O	0.4
% Na ₂ O	0.3
% TiO ₂	0.5
% MnO	0.1
% Loss on Ignition (1832°F)	11.2

APPLICATION

GEL B is used to provide viscosity and suspension properties to various products used in the construction industry, including tape joint compound, plasters, and texture products.

GENERAL INFORMATION

GEL B is a high quality attapulgite that is finely ground for use in imparting thixotropic properties to aqueous media. The material provides excellent low shear viscosity and suspension properties in water and other polar liquids. **GEL B** performance is not affected by the presence of dissolved electrolytes.

PACKAGING

GEL B is available in 50-lb. bags or in bulk form.

Revised 06/01/02

ZEMEX Industrial Minerals, Inc.
1040 Crown Pointe Parkway, Suite 270
Atlanta, Georgia 30338
Phone: (770) 392-8660
Fax: (770) 392-8670
Customer Service: (828) 766-2101

The information and data contained herein are believed to be accurate, but the manufacturer makes no warranty with respect thereto and disclaims responsibility for reliance thereon. This data relates only to the specific material described herein, and does not relate to use in connection with any other materials or in any process.

The manufacturer makes no warranties, express or implied, concerning this product. No warranty of fitness for any particular purpose is made, and we assume no responsibility whatever for any use of this product. This product should be used by properly trained personnel, and in compliance with applicable health and safety laws and regulations.

WARNING: This product contains free Silica (Quartz). Repeated and prolonged inhalation of dust in excess of TLV-TWA may cause delayed lung injury (Silicosis). Follow applicable OSHA, MSHA, or NIOSH standards for Crystalline Silica (Quartz). IARC has classified Crystalline Silica in Group 1, Carcinogenic to Humans, based on sufficient evidence for the carcinogenicity of Crystalline Silica in humans. The National Toxicology Program has listed crystalline silica (respirable) as a substance which may reasonably be anticipated to be a carcinogen. Airborne particles of respirable size of crystalline silica are known to the state of California to cause cancer.