P.O. Box 86
Amargosa Valley, NV 89020
Phone: 775-372-5341
Fax: 775-372-5640

PRODUCT BULLETIN

SEPIOGEL F

DESCRIPTION

SEPIOGEL F is a fine grade colloidal sepiolite for paints, caulk, sealants, etc. Sepiolite is a hydrous magnesium silicate very similar to attapulgite clay. Sepiolite deposits are found in Spain, China, and the state of Nevada, USA. IMV, mines and processes sepiolite products from its reserves in Amargosa Valley, Nevada. These deposits are the only commercially exploited sepiolite deposits in North America. SEPIOGEL F is designed to compete with attapulgite clays and aid in asbestos replacement.

TYPICAL PHYSICAL PROPERTIES

Appearance	Fine Off-White Powder
Moisture	14%
Loss on Ignition	12.5%
Bulking Value	.0518 U.S. Gal/lb
Weight/Gallon	19.3 lbs/U.S. gal
Bulk Density	30 lbs/ft^3
Particle Size	90% min <325 Mesh (dry)
	0.5% max >325 Mesh (wet)

Above properties are typical and not intended to be product specifications.

USES & ADVANTAGES

May be used with cellulosic and associative thickeners in latex paints to provide low shear viscosity thereby improving brush pick-up and preventing syneresis.

May be used in solvent based sealants, mastics, and roof coatings in conjunction with a surfactant, usually an amine.

Sepiolite “ribbons” are more flexible than attapulgite “needles” and provide a degree of reinforcement.

INCORPORATION

In latex systems, SEPIOGEL F should be added to the grind to insure that optimum shear is applied. Generally, the more shear that is applied to SEPIOGEL F, the more fully Sepiogel’s viscosity is developed.

In organic systems, SEPIOGEL F requires high shear incorporation and a surfactant. Fatty amines (cationics) are generally used in ratios ranging from 1:4 (amine:Sepiogel) to 1:8. Amines should not be used in aluminum pigmented systems. Aluminum pigments dictate the use of nonionic surfactants.

PACKAGING

Available in 50 lb. (3-ply natural bags). Shipped on 42x48 non-returnable pallets.

Revised 8/15/06