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ADVITROL® 8-10

General Description:

Advitrol 8-10 is designed to be an easy to disperse, heat-activated rheological additive for low to medium polarity solvent based coating systems. Advitrol 8-10 requires no polar activator as do "conventional" organoclays. Activation is achieved by reaching a minimum processing temperature of 110°F. Advitrol 8-10 is not suitable as a post additive for finished paints. Tixogel® EZ 100 is recommended for that application.

Typical Properties:

Composition: Castor/Organoclay Complex
Density: 13.40 lbs/U.S. gal (1.6 g/cm³)
Bulking Value: 0.075 U.S. gal/lb
Particle Size: 99% <45µm
Moisture Content: 3.0% maximum
Color/Form: Off White Powder

Applications:

Rule 66 Mineral Spirits, VM&P Naphtha, Hi-Flash Naphtha, Xylene, Toluene, and mixtures of aliphatic and/or aromatic solvents are all suitable for Advitrol 8-10. Advitrol 8-10 does not depend upon resin functionality to achieve its gel structure as are other "self-activating" organoclays. Advitrol 8-10 will gel linseed oil systems and binderless systems.

General Information:

Advitrol 8-10 is generally not well suited for post-addition to finished paints. In this regard Advitrol 8-10 is not "super-dispersible". Advitrol 8-10 is, however, much easier to disperse than conventional organoclays.

Advitrol 8-10 is also not sensitive to solvent KB value as are other "self-activating" organoclays. Advitrol 8-10 does have a minimum activation temperature requirement of 110°F. There is no maximum temperature limitation. Advitrol 8-10 should be added to the pigment grind. It is not sensitive to resin functionality. Advitrol 8-10 can be used in systems where other "self-activating" organoclays are ineffective.

