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TIXOGEL® VP

General Description:

Multi-Purpose Organoclay Rheological Additive

Typical Properties:

Composition: Quaternary Ammonium Compound of Bentonite

Density: 14.99 lbs./U.S. gal. (1.8 g/cm³)

Particle Size: Ultimate Dispersed Particle Size <1 µm

Moisture Content: 2.5% maximum

Color/Form: Light Buff Powder

Applications:

100% aliphatic to 100% aromatic systems. Automotive and equipment undercoats, trade sales alkyds, traffic paints, stains, industrial alkyds, acrylics, chlorinated rubber, epoxy esters, and aluminum coatings.

Suitable Solvents:

Rule 66 mineral spirits, VM&P naphtha, aromatic naphthas, toluene, xylene, kerosene, 140 solvent, heptane.

General Information:

Hints for Practical Use:

For maximum efficiency Tixogel VP must be subjected to both shear and polar activation. Tixogel VP is effective over a wide range of solvent systems and has no processing temperature requirements. Tixogel VP can be dispersed using a high-speed disperser. Suggested polar activators are:

Propylene Carbonate/H₂O(95/5)...60% based on weight of Tixogel VP

Methanol/H₂O(95/5).....33% based on weight of Tixogel VP

Ethanol/H₂O(95/5).....50% based on weight of Tixogel VP

Tixogel VP can be incorporated either using a pregel or in-situ.

