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VANDERBILT

Minerals Technical Data

VEEGUM[®] R and VAN GEL[®] ES, VAN GEL SX

Magnesium Aluminum Silicate

Anti-Settle Agents for Water-borne Industrial and Special Purpose Coatings

Description: **VEEGUM R, VAN GEL ES** and **VAN GEL SX** are derived from natural smectite clays that have been highly refined to produce uniform thixotropic aqueous dispersions at low concentrations. Unlike many other anti-settle additives, these products impart good in-can stability without excessive viscosity. **VEEGUM R, VAN GEL ES** and **VAN GEL SX** prevent syneresis and settling, provide dripless application, control sag and improve leveling. These products can be added to the dispersion portion of the coating manufacture after the mineral pigments, inert fillers and corrosion inhibitive pigments. At least 15 minutes of high shear dispersion time is required to achieve the full development of the anti-settling properties.

Typical Properties:

Appearance	Small granules
Color	Off white to beige
Density	2.6 g/cc, 21.7 lbs/gal
pH	8.5-9.5 (4% dispersion)
Moisture	8% max at time of shipment
Recommended dosage	5 to 15 lbs/100 gal

Formulations: The attached formulary, No. 503 "Water-borne Industrial and Special Purpose Coatings," illustrates the use of **VEEGUM R, VAN GEL ES** or **VAN GEL SX** in various types of water-borne industrial and special purpose coatings.

For additional information relating to the mineralogy and characteristics of **VEEGUM** and **VAN GEL** Magnesium Aluminum Silicate, please see the brochure "**VEEGUM/VAN GEL—The Story**".

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