

VEEGUM® HS

May 10, 2012

RTV Product Code: **71560**
Composition: Magnesium aluminum silicate, purified smectite clay
Physical State: Off-white granules

	<u>Specification</u>	<u>Test Method</u>
*Acid Demand	4.0 maximum	Current Volume USP/NF
*Al/Mg Ratio	3.5-5.5	Current Volume USP/NF
*Arsenic Content	3 ppm maximum	Current Volume USP/NF
*Lead Content	15 ppm maximum	Current Volume USP/NF
*Microbiology	**No more than 100 cfu/g bacteria **No more than 100 cfu/g fungi & yeast **No Escherichia coli **No Salmonella sp. **No Staphylococcus aureus **No Pseudomonas aeruginosa **No Gram negative organisms	Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF T-968
*Loss on Drying	8.0% maximum	Current Volume USP/NF
*Organic Volatile Impurities	Meets Requirements	Current Volume USP/NF
*pH, 5% Dispersion	9.0-10.0	Current Volume USP/NF
*Viscosity, Brookfield, 5% Dispersion	40-200 cps	Current Volume USP/NF
*X-ray Diffraction	Peaks between 1.492-1.504 and 15.0-17.2 Angstroms	Current Volume USP/NF

GENERAL INFORMATION

Typical values not routinely measured or reported on the Certificate of Analysis.

Solubility - Insoluble, but dispersible in water.

*Certified Property

**Vanderbilt Minerals, LLC certifies this result based on actual testing or the use of an irradiation process validated to achieve the indicated result.

VEEGUM HS is USP-NF Purified Bentonite
VEEGUM HS is INCI Magnesium Aluminum Silicate.

Uses - Please refer to VEEGUM Bulletin and Formulary

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