

VEEGUM® K

May 10, 2012

RTV Product Code: **71710**
 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	1.4-2.8	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
*pH, 5% Dispersion	9.0-10.0	Current Volume USP/NF
*Viscosity, Brookfield, 5% Dispersion	100-300 cps	Current Volume USP/NF
*X-ray Diffraction	Peaks between 1.492-1.504, 1.510- 1.540 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 K is USP-NF Magnesium Aluminum Silicate, Type II A
 VEEGUM K is INCI Magnesium Aluminum Silicate

Uses - Please refer to VEEGUM Bulletin and Formulary

VEEGUM is a registered trademark of R.T. Vanderbilt Holding Company, Inc. and/or its respective wholly owned subsidiaries.