



# R. T. Vanderbilt Company, Inc.

INDUSTRIAL MINERALS AND CHEMICALS

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# Specification

## VEEGUM® HV Granules

August 3, 2005

RTV Product Code: **71610**  
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                             | 0.5-1.2  | 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<br>**No more than 100 cfu/g fungi & yeast<br>**No Escherichia coli<br>**No Salmonella sp.<br>**No Staphylococcus aureus<br>**No Pseudomonas aeruginosa<br>**No Gram negative organisms | Current Volume USP/NF<br>Current Volume USP/NF<br>Current Volume USP/NF<br>Current Volume USP/NF<br>Current Volume USP/NF<br>Current Volume USP/NF<br>T-968 |
| *Moisture Content                        | 8.0% maximum   | Current Volume USP/NF   |
| *pH, 5% Dispersion                       | 9.0-10.0   | Current Volume USP/NF   |
| *Viscosity, Brookfield,<br>5% Dispersion | 800-2200 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

\*\*R.T.Vanderbilt Company certifies this result based on actual testing or the use of an irradiation process validated to achieve the indicated result.

VEEGUM HV is USP-NF Magnesium Aluminum Silicate, Type IC  
VEEGUM HV is INCI Magnesium Aluminum Silicate

*Uses \* Please refer to VEEGUM Bulletin and Formulary*

*VEEGUM is a registered trademark of R.T. Vanderbilt Company, Inc.*