## TECHNICAL Data

## VANATURAL®

Bentonite Clay

**VANATURAL®** and **VANATURAL MC** are natural bentonite clay, water-washed to optimize purity and performance. They are recommended as suspension stabilizers, emulsion stabilizers, and rheology modifiers for all topical products. INCI Name: Bentonite.

VANATURAL Bentonite Clay is authorized by ECOCERT Greenlife<sup>™</sup> as complying with the ECOCERT and COSMOS<sup>™</sup> standards for ecological and organic skin care products and cosmetics.

**VANATURAL MC** Bentonite Clay is the bacteria-controlled version of **VANATURAL** for general use in personal care products.

## FEATURES

VANATURAL and VANATURAL MC:

- Disperse easily into water and hydrate rapidly
- Stabilize emulsions against separation, particularly at elevated temperatures
- Stabilize suspensions against particle settling and hard packing
- Provide a silky, tack-free feel in topical preparations
- $\bullet$  Are synergistic with common thickeners such as  $\textbf{VANZAN}^{\circ}$  Xanthan Gum and CMC
- Reduce the slippery or sticky feel of gums and polymers
- Are compatible with most anionic and nonionic ingredients used in personal care formulations
- Provide thickening and absorptive properties in masks and poultices

## — TYPICAL PROPERTIES —

Appearance	Free-Flowing, Off-White Granules
pH, 5% Aqueous Dispersion	8.5 - 9.5
Moisture Content	8% maximum

Please refer to the **VEEGUM®/VANATURAL®** Brochure for information regarding the recommended techniques for properly hydrating **VANATURAL** bentonite clays.

Cosmetic grades of **VANATURAL**<sup>®</sup> Bentonite Clay, including **VANATURAL** and **VANATURAL MC**, when used in cosmetics are intended for topical and dental use only. **VANATURAL** and **VANATURAL MC** can also be used in industrial and agricultural applications.

VANATURAL, VEEGUM, and VANZAN are registered trademarks of Vanderbilt Minerals, LLC.

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