



Distributed in the Interest  
of Product Development

# VANDERBILT

## Minerals Formula

### Sulfur Shampoo No. A584

	<b>Wt. %</b>
<b>A</b>   VEEGUM <sup>®</sup> HS Magnesium Aluminum Silicate (Magnesium Aluminum Silicate)	2.00
VANZAN <sup>®</sup> NF Xanthan Gum (Xanthan Gum)	0.50
Water	79.25
<b>B</b>   Sucrose Stearate (Surfhope <sup>®</sup> SE Cosme C-1811 <sup>1</sup> )	1.25
Cetyl Alcohol	1.00
<b>C</b>   Glycerin	4.00
Wettable Sulfur (Yellow Jacket <sup>®</sup> Wettable Sulfur II <sup>2</sup> )	2.00
Sodium Laureth Sulfate	10.00
<b>D</b>   Preservative	qs

**Procedure:** While heating the water to 65°C, slowly add the **VEEGUM HS** and **VANZAN NF** sequentially or as a dry blend to the water agitated at maximum available shear. Mix until fully hydrated. Maintaining temperature at 65°C, add Part B ingredients in order, mixing after each addition until uniform. Cool with stirring to ambient temperature. Slowly add the Part C and Part D ingredients in the order listed, mixing after each addition until uniform. Avoid the incorporation of air.

#### RAW MATERIAL SUPPLIERS

<sup>1</sup>Arch Personal Care Products L.P., South Plainfield, NJ

<sup>2</sup>Georgia Gulf Sulfur Corp., Valdosta, GA

#### TRADEMARKS

**VEEGUM** and **VANZAN** are registered trademarks of R.T. Vanderbilt Holding Company, Inc. and/or its respective wholly owned subsidiaries.

Surfhope is a registered trademark of Mitsubishi Chemical Corporation.

Yellow Jacket is a registered trademark of Georgia Gulf Sulfur Corporation.

rev07/02/2013

**Vanderbilt Minerals, LLC, 33 Winfield Street, P.O. Box 5150, Norwalk, CT 06856-5150**  
**Telephone: (800) 562-2476 - Fax: (203) 855-1220 - Web Site: [vanderbiltminerals.com](http://vanderbiltminerals.com)**

Before using, read, understand and comply with the information and precautions in all applicable Safety Data Sheets, labels and other product literature. The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability, reliability or use. This information is not intended to be all-inclusive, because the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. The user is responsible for determining the suitability of any material for a specific purpose and for adopting such safety precautions as may be required. Vanderbilt Minerals, LLC does not warrant the results to be obtained in using any material, and disclaims all liability with respect to the use, handling or further processing of any such material. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent, trademark or copyright or to violate any federal, state or local law or regulation.