



Distributed in the Interest  
of Product Development

# VANDERBILT

## Minerals Formula

### Formula 041111

#### Interior Latex Egg Shell Paint

**VANSIL® W 30<sup>1</sup>** Wollastonite, **DARVAN® 7N<sup>1</sup>** Dispersing Agent

|   | <u>Pounds</u> | <u>Gallons</u> | <u>Kilograms</u> | <u>Liters</u> |
|---|---------------|----------------|------------------|---------------|
| <b>DISPERSION</b>                             |               |                |                  |               |
| 2.5% Cellosize® ER 4400 <sup>2</sup>          | 160.0         | 19.2           | 19.24            | 19.24         |
| Water   | 57.5          | 6.9            | 6.92             | 6.92          |
| Propylene Glycol                              | 43.2          | 5.0            | 5.20             | 5.02          |
| Rhodoline® 643 <sup>3</sup>                   | 2.0           | 0.2            | 0.24             | 0.28          |
| Kathon® LX <sup>2</sup>                       | 2.0           | 0.2            | 0.24             | 0.24          |
| <b>DARVAN 7N<sup>1</sup></b> Dispersing Agent | 4.5           | 0.8            | 0.90             | 0.78          |
| Ti-Pure® R 900 <sup>4</sup>                   | 254.7         | 7.7            | 30.67            | 7.67          |
| <b>VANSIL W 30<sup>1</sup></b> Wollastonite   | 62.0          | 2.6            | 7.47             | 2.58          |

*High speed disperse for 15 minutes. Reduce speed for let down.*

#### LET DOWN

|                                     |       |      |       |       |
|-------------------------------------|-------|------|-------|-------|
| Texanol® <sup>5</sup>               | 12.0  | 1.8  | 1.44  | 1.51  |
| Rhodoline 643 <sup>3</sup>          | 1.5   | 0.2  | 0.18  | 0.21  |
| UCAR® 626 Latex <sup>6</sup>        | 280.0 | 32.3 | 33.72 | 32.33 |
| Water                               | 85.0  | 10.2 | 10.24 | 10.24 |
| 2.5% Cellosize ER 4400 <sup>2</sup> | 100.0 | 12.0 | 12.03 | 12.03 |
| Igepal® CO 630 <sup>3</sup>         | 4.0   | 0.5  | 0.48  | 0.45  |
| Triton® GR 7M <sup>2</sup>          | 4.0   | 0.5  | 0.48  | 0.46  |

*Mix at slow speed for 10 minutes.*

|               |        |       |        |       |
|---------------|--------|-------|--------|-------|
| <b>TOTALS</b> | 1075.4 | 100.0 | 129.45 | 99.96 |
|---------------|--------|-------|--------|-------|

#### PAINT PROPERTIES

|                         |              |           |
|-------------------------|--------------|-----------|
| Density                 | 10.8 lbs/gal | 1.30 g/cc |
| % Solids by weight      | 42.9         |           |
| % Solids by volume      | 25.5         |           |
| % PVC                   | 40           |           |
| Pigment to binder ratio | 2.28:1       |           |
| Calculated VOC          | 1.58 lbs/gl  | 190 g/l   |

#### RAW MATERIAL SUPPLIERS

- <sup>1</sup>Vanderbilt Minerals, LLC, Norwalk, CT  
<sup>2</sup>Dow Chemical Company, Midland, MI  
<sup>3</sup>Rhodia Inc., Cranberry, NJ  
<sup>4</sup>E.I. duPont de Neumours & Company, Wilmington, DE  
<sup>5</sup>Eastman Chemical, Kingsport, TN  
<sup>6</sup>Arkema Emulsion Systems, Cary, NC

#### TRADEMARKS

**DARVAN** Dispersing Agent and **VANSIL** Wollastonite are registered trademarks of R.T. Vanderbilt Holding Company, Inc. and/or its respective wholly owned subsidiaries.  
 Cellosize, Triton and UCAR are registered trademarks of Union Carbide Chemicals & Plastics Technology Corporation.  
 Igepal and Rhodoline are registered trademarks of Rhodia, Inc.  
 Kathon is a registered trademark of Rohm and Haas Company.  
 Texanol is a registered trademark of Eastman Chemical Company.  
 Ti-Pure is a registered trademark of E.I. du Pont de Nemours & Company.

rev02/19/2013

**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**

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.