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# VANDERBILT

## Minerals Formula

### Formula 042099

#### Interior Texture Paint

**DARVAN® 7-N<sup>1</sup>** Dispersing Agent, **PYRAX® WA<sup>1</sup>** Pyrophyllite,  
**VANSIL® WG<sup>1</sup>** Wollastonite Silicate, **VANZAN®<sup>1</sup>** Xanthan Gum Stabilizer

|  | <u>Pounds</u> | <u>Gallons</u> | <u>Kilograms</u> | <u>Liters</u> |
|--|---------------|----------------|------------------|---------------|
| <b>DISPERSION</b>  |               |                |                  |               |
| Water  | 515.4         | 61.8           | 61.1             | 61.14         |
| <b>VANZAN<sup>1</sup></b> Xanthan Gum                              | 10.2          | 1.0            | 1.2              | 1.53          |
| <i>Disperse at high speed for 15 minutes.</i>                      |               |                |                  |               |
| <i>Reduce speed and add:</i>                                       |               |                |                  |               |
| <b>DARVAN 7-N<sup>1</sup></b> Dispersing Agent                     | 8.2           | 0.9            | 1.0              | 0.85          |
| Triton® CF 10 <sup>2</sup>   | 2.0           | 0.2            | 0.2              | 0.22          |
| Texanol® <sup>3</sup>  | 6.1           | 0.8            | 0.7              | 0.76          |
| Drewplus® L 475 <sup>4</sup>                                       | 1.0           | 0.1            | 0.1              | 0.13          |
| Ti-Pure® R 900 <sup>5</sup>  | 50.0          | 1.5            | 6.0              | 1.50          |
| <b>VANSIL WG<sup>1</sup></b> Wollastonite                          | 75.0          | 3.1            | 9.0              | 3.11          |
| <b>PYRAX WA<sup>1</sup></b> Pyrophyllite                           | 440.0         | 19.0           | 52.9             | 19.09         |
| <i>Mix at medium speed for 15 minutes.</i>                         |               |                |                  |               |
| <i>High shear will damage the acicular wollastonite particles.</i> |               |                |                  |               |
| <i>Reduce speed for let down.</i>                                  |               |                |                  |               |
| <b>LET DOWN</b>  |               |                |                  |               |
| Drewplus® L 475 <sup>4</sup>                                       | 1.0           | 0.1            | 0.1              | 0.13          |
| Everflex® GT Latex <sup>6</sup>                                    | 102.7         | 11.5           | 12.3             | 11.54         |
| <i>Mix at slow speed for 10 minutes.</i>                           |               |                |                  |               |
| <b>TOTALS</b>  | 1211.6        | 100.0          | 144.6            | 100.00        |
| <b>PAINT PROPERTIES</b>  |               |                |                  |               |
| Density  | 12.1 lbs/gal  |                | 1.45 g/ml        |               |
| % Solids by weight   | 52.1          |                |                  |               |
| % Solids by volume   | 30.6          |                |                  |               |
| % PVC  | 81            |                |                  |               |
| Pigment to binder ratio  | 10:1          |                |                  |               |
| Calculated VOC   | 0.19 lbs/gal  |                | 22 g/l           |               |

#### RAW MATERIAL SUPPLIERS

- <sup>1</sup>Vanderbilt Minerals, LLC, Norwalk, CT  
<sup>2</sup>Dow Chemical, Midland, MI  
<sup>3</sup>Eastman Chemical Company, Kingsport, TN  
<sup>4</sup>Ashland, Inc., Columbus, OH  
<sup>5</sup>E.I. du Pont de Nemours & Company, Wilmington, DE  
<sup>6</sup>Owensboro Specialty Polymers, Owensboro, KY

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