



Distributed in the Interest  
of Product Development

# VANDERBILT

## Minerals Formula

**Formula 062414**  
**Low VOC Interior Flat Latex Wall Paint with Good Scrub Resistance**  
**VANSIL® CK-20<sup>1</sup> Wollastonite, DARVAN® 7-N<sup>1</sup> Dispersant**

	Pounds	Gallons	Kilograms	Liters
<b>DISPERSION</b>				
Water	275.0	33.0	33.00	33.00
Natrosol® Plus 330 <sup>2</sup>	2.5	0.2	0.30	0.22
AMP 95 <sup>3</sup>	5.0	0.6	0.60	0.64
Kathon® LX <sup>4</sup>	1.5	0.2	0.18	0.18
Drewplus® L 475 <sup>5</sup>	1.5	0.2	0.18	0.20
<b>DARVAN® 7-N<sup>1</sup> Dispersant</b>	10.0	1.0	1.20	1.03
Triton® CF-10 <sup>6</sup>	2.0	0.2	0.24	0.22
Ti-Pure® R 706 <sup>7</sup>	235.0	7.1	28.20	7.05
<b>VANSIL® CK-20<sup>1</sup> Wollastonite</b>	75.0	3.1	9.00	3.10
Minex® 4 <sup>8</sup>	50.0	2.3	6.00	2.30
Iceberg® Clay <sup>9</sup>	50.0	2.3	6.00	2.28

Mix at high speed for 20 minutes. Reduce speed for let down.

**LET DOWN**

Encor® 367 Vinyl Acrylic Latex <sup>10</sup>	350.0	38.9	42.00	38.92
Texanol <sup>11</sup>	10.0	1.3	1.20	1.25

Preblend the next two items and add.

Water	40.0	4.8	4.80	4.80
Polyphobe® TR 116 <sup>4</sup>	10.0	1.1	1.20	1.09
Drewplus® L 475 <sup>5</sup>	2.0	0.3	0.24	0.26
Water	28.4	3.4	3.45	3.45

Mix at slow speed for 10 minutes.

<b>TOTALS</b>	1147.9	100.0	137.79	99.99
---------------	--------	-------	--------	-------

**PAINT PROPERTIES**

Density	11.8 lbs/gal	1.38 g/l
% Solids by weight	54.2	
% Solids by volume	36.9	
PVC	39.9	
Pigment to binder ratio	1.93:1	
Calculated VOC	0.26 lbs/gal	31 g/l

**RAW MATERIAL SUPPLIERS**

- <sup>1</sup>Vanderbilt Minerals, LLC, Norwalk, CT
- <sup>2</sup>Aqualon Company, Wilmington, DE
- <sup>3</sup>Angus Chemical Company, Buffalo Grove, IL
- <sup>4</sup>Dow Chemical Company, Midland, MI
- <sup>5</sup>Ashland Specialty Chemical Company, Columbus, OH
- <sup>6</sup>E.I. DuPont de Nemours & Company, Wilmington, DE
- <sup>7</sup>Unimin, New Canaan, CT
- <sup>8</sup>Burgess Pigment Company, Sandersville, GA
- <sup>9</sup>Arkema Emulsion Systems, Cary, NC
- <sup>10</sup>Eastman Chemical, Kingsport, TN

**TRADEMARKS**

**VANSIL®** Wollastonite and **DARVAN®** Dispersant are registered trademarks of R.T. Vanderbilt Holding Company, Inc and/or its respective wholly owned subsidiaries.  
AMP-95 is a registered trademark of Angus Chemical Company.  
Drewplus is a registered trademark of Ashland Licensing and Intellectual Property, LLC.  
Encor is a registered trademark of Arkema Inc.  
Iceberg is a registered trademark of Burgess Pigment Company.  
Kathon is a registered trademark of Rohm and Haas Company.  
Minex is a registered trademark of Unimin Canada LTD.  
Natrosol is a registered trademark of Aqualon Company.  
Polyphobe and Triton are registered trademarks of Union Carbide Chemicals & Plastics Technology Corporation.  
Texanol is a registered trademark of Eastman Chemical Company.  
Ti-Pure is a registered trademark of E.I. du Pont de Nemours & Company.

rev 07/31/2014

**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.