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VANDERBILT

Minerals Formula

Formula 073010
0 VOC Quality Interior Latex Flat Paint
VANSIL® W-30¹ Wollastonite, DARVAN® 7-N¹ Dispersing Agent

	<u>Pounds</u>	<u>Gallons</u>	<u>Kilograms</u>	<u>Liters</u>
DISPERSION				
2% Cellosize® QP 4400 ²	240.0	28.8	28.79	28.79
AMP-95 ³	2.0	0.3	0.24	0.26
Proxel® GXL ⁴	2.0	0.2	0.24	0.21
Rhodoline® 643 ⁵	2.5	0.4	0.30	0.35
DARVAN 7-N¹ Dispersing Agent	12.5	1.3	1.50	1.29
Triton® CF10 ²	2.0	0.2	0.24	0.22
Ti-Pure® R 900 ⁶	195.0	5.8	23.39	5.85
Gama-Sperse® 80 ⁷	100.0	4.4	11.99	4.43
VANSIL W-30¹ Wollastonite	74.4	3.1	8.93	3.08
Min-flex® 325 ⁸	35.4	1.5	4.25	1.52
Optiwhite® MX ⁹	75.0	4.1	9.00	4.09
Diafil® 570 ¹⁰	30.0	1.6	3.60	1.64

*Mix at high speed for 15 minutes.
Reduce speed for let down.*

LET DOWN

UCAR® 300 Latex ¹¹	290.0	32.6	34.78	32.60
<i>Preblend the next two items and add:</i>				
Water	110.0	13.2	13.19	13.19
Acrysol® RM 825 ²	5.0	0.6	0.60	0.58
<i>Mix at slow speed for 5 minutes.</i>				
Texanol® ¹²	12.5	1.5	1.50	1.56
Rhodoline® 643 ⁵	2.5	0.4	0.30	0.35
<i>Mix at slow speed for 10 minutes.</i>				

TOTALS 1190.8 100.0 142.84 100.01

PAINT PROPERTIES

Density	11.9 lbs/gal	1.43 g/ml
% Solids by weight	56.1	
% Solids by volume	37.3	
% PVC	55	
Pigment to binder ratio	3.22:1	
Calculated VOC	0	0

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Dow Chemical Company, Midland, MI
- ³Angus Chemical Company, Buffalo Grove, IL
- ⁴Zeneca Biocides, Wilmington, DE
- ⁵Rhodia Incorporated, Cranberry, NJ
- ⁶E. I. du Pont de Nemours & Company, Wilmington, DE
- ⁷Imerys, Roswell, GA
- ⁸Specialty Minerals, Inc., Barretts, MT
- ⁹Burgess Pigment, Sandersville, GA
- ¹⁰World Minerals, Santa Barbara, CA
- ¹¹Arkema Emulsion Systems, Cary, NC
- ¹²Eastman Chemicals, Kingsport, TN

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- Optiwhite is a registered trademark of Burgess Pigment Company.
- Proxel is a registered trademark of Arch UK Biocides.
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- Ti-Pure is a registered trademark of E. I. du Pont de Nemours & Company.

rev02/19/2013

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