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VANDERBILT

Minerals Formula

Formula 071808
0 VOC High Quality Interior Flat Wall Paint
VANSIL® W-40¹ Wollastonite

	<u>Pounds</u>	<u>Gallons</u>	<u>Kilograms</u>	<u>Liters</u>
DISPERSION				
Water	185.0	22.2	22.21	22.21
Cellosize® QP 4400 ²	1.0	0.1	0.12	0.09
KTPP	1.5	0.1	0.18	0.07
Tamol® 1124 ²	5.0	0.5	0.60	0.51
Triton® CF 10 ²	3.0	0.3	0.36	0.34
Drewplus® L 475 ³	2.0	0.3	0.24	0.26
Kathon® LX ²	2.0	0.2	0.18	0.18
Sodium Carbonate	3.5	0.2	0.42	0.19
Ti-Pure® R 900 ⁴	200.0	6.0	24.01	6.00
Satintone® W ⁵	175.0	8.0	21.00	8.00
Talcron® 35 LOA Talc ⁶	105.0	4.5	12.61	4.50
VANSIL W-40¹ Wollastonite	20.0	0.8	2.40	0.83
Water	85.0	10.2	10.20	10.20

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

LET DOWN

UCAR® 300 Latex ⁷	300.0	33.7	36.01	33.75
Drewplus® L 475 ⁴	2.0	0.3	0.24	0.26
Polyphobe® TR 116 ³	10.0	1.1	1.20	1.09
Water	96.0	11.5	11.52	11.52

Mix a slow speed for 10 minutes.

TOTALS	1195.5	100.0	143.50	100.00
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PAINT PROPERTIES

Density	12.0 lbs/gal	1.44 g/L
% Solids by weight	55.6	
% Solids by volume	36.8	
% PVC	52	
Pigment to binder ratio	3.03:1	
Calculated VOC	0 lbs/gal	0 g/L

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Dow Chemical Company, Midland, MI
- ³Ashland Chemical Company, Covington, KY
- ⁴E. I. du Pont de Nemours & Company, Wilmington, DE
- ⁵BASF, Florham Park, NJ
- ⁶Specialty Minerals, Inc. Barretts, MT
- ⁷Arkema Emulsion Systems, Cary, NC

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