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VANDERBILT

Minerals Formula

Formula 071510
Low VOC Interior Latex Satin Wall 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	243.5	29.2	29.22	29.22
DARVAN 7-N¹ Dispersing Agent	10.0	1.0	1.20	1.03
AMP 95 ³	2.0	0.3	0.24	0.26
Triton® CF-10 ²	3.0	0.3	0.36	0.34
Rhodoline® 643 ⁴	2.0	0.2	0.24	0.28
Proxel® GXL ⁵	1.5	0.2	0.18	0.16
Ti-Pure® R 706 ⁶	240.0	7.2	28.80	7.20
Talcron® 40-27 ⁷	51.4	2.2	6.17	2.20
VANSIL W-30¹ Wollastonite	53.2	2.2	6.38	2.20
<i>Disperse at high speed for 15 minutes.</i>				
<i>Reduce speed for let down.</i>				
LET DOWN				
Rhoplex® SG30 Latex ²	420.0	47.5	50.40	47.55
Texanol ⁸	10.0	1.3	1.20	1.25
Drewplus® L 475 ⁹	2.0	0.3	0.24	0.26
<i>Preblend the next two items, mix well and add:</i>				
Water	62.2	7.5	7.47	7.47
Acrysol® RM 825 ²	5.0	0.6	0.60	0.58
<i>Mix at slow speed for 10 minutes.</i>				
TOTALS	1105.8	100.0	132.70	100.00
PAINT PROPERTIES				
Density	11.1 lbs/gal		1.33 g/ml	
% Solids by weight	52.7			
% Solids by volume	37.0			
% PVC	34			
Pigment to binder ratio	1.64:1			
Calculated VOC	<0.1 lbs/gal		2 g/l	

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Dow Chemical Company, Midland, MI
- ³Angus Chemical Company, Buffalo Grove, IL
- ⁴Rhodia, Inc, Cranberry, NJ
- ⁵Zeneca Biocides, Wilmington, DE
- ⁶E. I. DuPont de Nemours & Company, Wilmington, DE
- ⁷Specialty Minerals, Inc., Barretts, MT
- ⁸Eastman Chemical Company, Kingsport, TN
- ⁹Ashland Specialty Chemical Company, Columbus, OH

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rev02/19/2013

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