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VANDERBILT

Minerals Formula

Formula 100807
Exterior Latex Deep Toned Tint Base House and Trim Paint
VANSIL® W-40¹ Wollastonite, DARVAN® 7-N¹ Dispersant

	<u>Pounds</u>	<u>Gallons</u>	<u>Kilograms</u>	<u>Liters</u>
DISPERSION				
2% Cellosize® ER 15 M ²	204.0	24.3	24.50	24.37
28% Ammonium hydroxide	2.0	0.3	0.24	0.26
Proxel®GXL ³	1.0	0.1	0.12	0.11
DARVAN 7-N¹ Dispersant	15.0	1.6	1.80	1.55
Drewplus® L 475 ⁴	2.0	0.3	0.24	0.26
Triton® CF -10 ²	2.0	0.2	0.24	0.22
Propylene glycol	29.0	3.4	3.48	3.36
Ti-Pure® R 902 ⁵	35.0	1.1	4.20	1.05
VANSIL W-40¹ Wollastonite	240.0	9.9	28.83	9.94
ATTAGEL™ 50 ⁶	3.0	0.2	0.36	0.15

*High speed disperse for 15 minutes.
Reduce speed for let down.*

LET DOWN

Rhoplex Multilobe® 200 Latex ¹	335.0	39.0	40.24	39.07
Texanol® ⁷	10.0	1.3	1.20	1.25
Drewplus® L 475 ⁴	2.0	0.3	0.24	0.26
Polyphase® AF 1 ⁸	10.0	1.0	1.20	1.01
Triton® GR-7M ²	1.0	0.1	0.12	0.12
<i>Preblend the next two items and add</i>				
Water	135.0	16.2	16.22	16.22
Acrysol® RM 825 ⁷	7.0	0.8	0.84	0.81

*Mix at slow speed for 10 minutes.
Tint at 12 oz/gallon to yield deep toned
paint with good tint retention.*

TOTALS	1033.0	100.1	124.07	100.01
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PAINT PROPERTIES

Density	10.3 lbs/gal	1.24 g/ml
% Solids by weight	44.8	
% Solids by volume	31.6	
% PVC	36	
Pigment to binder ratio	1.54:1	
Calculated VOC	0.96 lbs/gal	115 g/l

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Dow Chemical Company, Midland, MI
- ³AstraZeneca Pharmaceuticals LP, Wilmington, DE
- ⁴Ashland Specialty Chemical Company, Columbus, OH
- ⁵E.I. du Pont de Nemours & Company, Wilmington, DE
- ⁶BASF Corporation, Florham Park, NJ
- ⁷Eastman Chemical Company, Kingsport, TN
- ⁸Troy Corporation, Florham Park, NJ

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- Proxel is a registered trademark of Arch UK Biocides.
- Texanol is a registered trademark of Eastman Chemical Company.
- Ti-Pure is a registered trademark of E.I. du Pont de Nemours & Company.

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