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VANDERBILT

Minerals Formula

Formula 051414

Ceiling Paint

DARVAN® 7-N¹ Dispersant, **PYRAX® ABB¹** Pyrophyllite,
VANSIL® CK-20¹ Wollastonite

	<u>Pounds</u>	<u>Gallons</u>	<u>Kilograms</u>	<u>Liters</u>
DISPERSION				
2.5% Cellosize® QP-4400 ²	240.0	28.8	28.78	28.78
Water	210.0	25.2	25.18	25.18
Texanol® ³	5.0	0.6	0.60	0.63
Ethylene Glycol	15.0	1.6	1.80	1.62
Drewplus® L 475 ⁴	2.0	0.3	0.24	0.26
Triton® CF-10 ²	2.0	0.2	0.24	0.22
DARVAN® 7-N¹ Dispersant	10.0	1.0	1.20	1.03
Ti-Pure® R 706 ⁵	125.0	3.8	14.99	3.75
Iceberg® Clay ⁶	125.0	5.7	14.99	5.70
PYRAX® ABB¹ Pyrophyllite	137.5	5.7	16.49	5.69
VANSIL® CK-20¹ Wollastonite	137.5	5.7	16.49	5.69
<i>High speed disperse for 15 minutes. Reduce speed for let down.</i>				
LET DOWN				
Cellite® 281 ⁷	50.0	2.6	6.00	2.61
Water	60.0	7.2	7.19	7.19
Encor® 367 Latex ⁸	105.0	11.7	12.59	11.67
<i>Mix at slow speed for 10 minutes.</i>				
TOTALS	1224.0	100.1	146.78	100.02

PAINT PROPERTIES

Density	12.2 lbs/gal	1.47 g/ml
% Solids by weight	52.2	
% Solids by volume	30.8	
% PVC	80	
Pigment to binder ratio	9.95:1	
Calculated VOC	0.6 lbs/gal	72 g/l

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC Norwalk, CT
- ²Dow Chemical Company, Midland, MI
- ³Eastman Chemical, Kingsport, TN
- ⁴Ashland Specialty Chemical Company, Columbus, OH
- ⁵E.I. DuPont de Nemours & Company, Wilmington, DE
- ⁶Burgess Pigment Company, Sandersville, GA
- ⁷Celite Corporation, Lompoc, CA
- ⁸Arkema Emulsion Systems, Cary, NC

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