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VANDERBILT

Minerals Formula

Formula 082101
2K Water-borne Epoxy Fast Dry Shop Primer
VANSIL® W-50¹ Wollastonite

	Pounds	Gallons	Kilograms	Liters
PART A				
Epi-Rez® 5522-WY-55 ²	334.3	37.1	40.12	37.14
Diacetone Alcohol	7.3	0.9	0.87	0.92
Rhodoline® 640 ³	3.6	0.4	0.44	0.43
Water	60.8	7.3	7.30	7.30
Mapico® 214 M ⁴	72.1	1.7	8.65	1.73
Barytes	72.1	1.9	8.65	1.92
VANSIL W-50¹ Wollastonite	107.9	4.5	12.95	4.47
Moly-White® 212 ⁵	101.5	4.1	12.18	4.06
Talcron® 40 LOA Talc ⁶	72.1	3.1	8.65	3.09
325 mesh wet ground mica	7.7	0.3	0.92	0.33
<i>Disperse at high speed for 15 minutes. Reduce speed for let down.</i>				
Epi-Rez® 5522-WY-55 ²	149.0	16.6	17.88	16.56
Water	14.5	1.7	1.74	1.74
<i>Mix at slow speed for 5 minutes.</i>				
TOTALS PARTS A	1002.9	79.6	120.35	79.69
PART B				
Epi-Cure® 8290-Y-60 ²	61.3	6.9	7.35	6.93
Water	111.6	13.4	13.39	13.39
<i>Mix at slow speed for 5 minutes.</i>				
Totals PART B	172.9	20.3	20.74	20.32
<i>Add PART B to PART A, mix well, let stand 1 hour prior to use.</i>				
Totals PART A plus PART B	1175.8	99.9	141.09	100.01
PAINT PROPERTIES (PART A plus PART B)				
Density	11.8 lbs/gal		1.41 g/ml	
% Solids by weight	62.9			
% Solids by volume	47.0			
% PVC	33.3			
Pigment to binder ratio	1.42:1			
Calculated VOC	1.11 lbs/gal		133 g/l	

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Hexion Specialty Chemicals, Houston, TX
- ³Rhodia Inc., Cranbury, NJ
- ⁴Rockwood Pigments NA, Inc., Beltsville, MD
- ⁵Moly-White Pigments Group, Cleveland, OH
- ⁶Specialty Minerals, Inc. Barretts, MT

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- Moly-White is a registered trademark of SWIMC, Inc.
- Rhodoline is a registered trademark of Rhodia.
- Talcron is a registered trademark of Minerals Technologies Inc.

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