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# VANDERBILT

## Minerals Formula

**Formula 062001**  
**2K Water-Borne Epoxy Fast Dry Shop Primer**  
**VANSIL® W-50<sup>1</sup> Wollastonite**

	Pounds	Gallons	Kilograms	Liters
<b>PART A</b>				
Epi-Rez® 5522-WY-55 <sup>2</sup>	334.3	37.1	40.12	37.14
Diacetone Alcohol	7.3	0.9	0.87	0.92
Rhodoline® 640 <sup>3</sup>	3.6	0.4	0.44	0.43
Water	60.8	7.3	7.30	7.30
Red Iron Oxide	72.1	1.7	8.65	1.73
Huberbrite™ <sup>4</sup>	72.1	1.9	8.65	1.92
<b>VANSIL W-50<sup>1</sup> Wollastonite</b>	107.9	4.5	12.95	4.47
Moly-White® 212 <sup>5</sup>	101.5	4.1	12.18	4.06
Zeeospheres® G 400 <sup>6</sup>	72.1	3.1	8.65	3.09
325 mesh wet ground mica <sup>7</sup>	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 <sup>2</sup>	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>				
<b>TOTALS PART A</b>	1002.9	79.6	120.35	79.69
<b>PART B</b>				
Epi-Cure® 8290-Y-60 <sup>2</sup>	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>				
<b>Totals PART B</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>				
<b>Totals PART A plus PART B</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**

- <sup>1</sup>Vanderbilt Minerals, LLC, Norwalk, CT
- <sup>2</sup>Hexion Specialty Chemicals, Houston, TX
- <sup>3</sup>Rhodia Inc., Cranbury, NJ
- <sup>4</sup>J. M. Huber Corporation, Edison, NJ
- <sup>5</sup>Moly-White Pigments Group, Cleveland, OH
- <sup>6</sup>3M Company, Minneapolis, MN
- <sup>7</sup>KMG Minerals Inc., Kings Mountain, NC

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- Moly-White is a registered trademark of SWIMC, Inc.
- Rhodoline is a registered trademark of Rhodia.
- Zeeospheres is a registered trademark of 3M Company.

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