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VANDERBILT

Minerals Formula

Formula 032300
High Solids Alkyd Flat Paint
ACTIV-8^{®1} Drier, Stabilizer and Accelerator

	<u>Pounds</u>	<u>Gallons</u>	<u>Kilograms</u>	<u>Liters</u>
GRIND				
Duramac [®] 50-5070 HS Alkyd ²	225.0	28.4	26.96	28.38
Mineral Spirits	55.0	8.6	6.59	8.57
Ti-Pure [®] R 900 ³	100.0	3.0	11.98	3.00
Gama-sperse [®] 80 ⁴	400.0	17.7	47.94	17.69
ABT [®] 1000 ⁵	125.0	5.5	14.98	5.45

*Disperse at high speed to >6 Hegman fineness.
Reduce speed for let down.*

LET DOWN

Duramac [®] 50-5070 HS Alkyd	228.3	28.2	27.36	28.80
<i>Preblend the next 6 items and add:</i>				
Butyl alcohol	25.0	3.7	3.00	3.70
Xylene	25.0	3.5	3.00	3.48
ACTIV-8¹ Drier, Stabilizer and Accelerator	0.8	0.1	0.10	0.10
12% Cobalt Cem-All ^{®6}	3.8	0.5	0.46	0.46
12% Zirconium Hex-Cem ^{®6}	0.9	0.1	0.11	0.11
Exkin [®] No 2 ⁷	2.0	0.3	0.24	0.26

Mix at slow speed for 10 minutes.

TOTALS	1190.8	100.1	142.71	100.00
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PAINT PROPERTIES

Density	11.9 lbs/gal	1.44 g/ml
% Solids by weight	79.4	
% Solids by volume	62.6	
% PVC	42.5	
Pigment to binder ratio	1.97:1	
Calculated VOC	2.37 lbs/gal	284 g/l

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Hexion Specialty Chemicals, Houston, TX
- ³E.I. du Pont de Nemours & Company, Wilmington, DE
- ⁴Imerys Minerals, Ltd., Roswell, GA
- ⁵Specialty Minerals Inc., Barretts, MT
- ⁶OM Group, Inc., Cleveland, OH
- ⁷CONDEA Servo LLC, South Plainfield, NJ

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