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VANDERBILT

Minerals Formula

Formula 020398
Water Reducible Alkyd Modified Acrylic Latex Direct to Metal Primer
ACTIV-8^{®1} Drier, Stabilizer and Accelerator

	Pounds	Gallons	Kilograms	Liters
DISPERSION				
Kelsol [®] 3961-B2G-75 ²	68.1	7.8	8.17	7.78
Barium sulfonate corrosion inhibitor	25.0	3.2	3.00	3.00
<i>Preblend the next four items and add:</i>				
Arcosolv [®] PnB ³	26.2	3.6	3.14	3.61
Arcosolv [®] PM Acetate ³	5.2	0.7	0.62	0.65
ACTIV-8¹ Drier, Stabilizer and Accelerator	0.4	0.1	0.05	0.05
Cobalt Hydrocure [®] II ⁴	1.5	0.2	0.18	0.20
Triethanolamine	4.2	0.5	0.50	0.50
Water	125.3	13.8	15.04	15.04
<i>Measure pH and adjust to 8.0 to 8.5 with triethanolamine.</i>				
Ti-Pure [®] R 900 ⁵	50.0	1.5	6.00	1.50
<i>High speed disperse for 15 minutes. Reduce speed for let down.</i>				

LET DOWN

NeoCryl [®] 6085 Latex ⁶	523.8	60.2	62.86	60.44
Arcosolv PnB	31.4	4.3	3.77	4.32
Water	34.2	4.1	2.92	2.92
<i>Mix at slow speed for 10 minutes.</i>				

TOTALS	895.3	100.0	106.25	100.01
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PAINT PROPERTIES

Density	9.0 lbs/gal	1.06 g/ml
% Solids by weight	36.5	
% Solids by volume	30.7	
% PVC	5	
Pigment to binder ratio	0.19:1	
Calculated VOC	1.98 lbs/gal	238 g/l

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Reichhold, Inc., Research Triangle Park, NC
- ³Lyondell Chemical Company, Rotterdam, The Netherlands
- ⁴OM Group, Inc., Cleveland, OH
- ⁵E.I. du Pont de Nemours & Company, Wilmington, DE
- ⁶AstraZeneca Pharmaceuticals LP, Wilmington, DE

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- Cobalt Hydrocure is a registered trademark of OM Group, Inc.
- Kelsol is a registered trademark of Reichhold Chemical, Inc.
- NeoCryl is a registered trademark of DSM NeoResins B.V.
- Ti-Pure is a registered trademark of E.I. du Pont de Nemours Company

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