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VANDERBILT

Minerals Formula

Formula 011300
Water-Reducible Alkyd/Acrylic Latex Direct to Metal Primer
ACTIV-8^{®1} Drier Accelerator & Stabilizer

	Pounds	Gallons	Kilograms	Liters
DISPERSION				
Kelsol [®] 3961-B2G-75 ²	68.1	7.8	8.2	7.78
Barium sulfonate corrosion inhibitor	25.0	3.0	3.0	3.00
<i>Preblend next four items and add:</i>				
Arcosolv [®] PnB ³	26.2	3.6	3.1	3.60
Arcosolv PM Acetate ³	5.2	0.6	0.6	0.65
Cobalt Hydrocure [®] II ⁴	1.5	0.2	0.2	0.20
ACTIV-8¹ Drier Accelerator & Stabilizer	0.4	0.1	0.1	0.05
Ti-Pure [®] R 900 ⁵	50.0	1.5	6.0	1.50
<i>Disperse at high speed to 7 Hegman fineness. Reduce speed for neutralization.</i>				
AMP-95 ^{®6}	2.5	0.3	0.3	0.32
Water	125.3	15.0	15.0	15.00
<i>Measure pH and adjust to 8.0 to 8.5 with AMP-95. Mix at slow speed for 10 minutes.</i>				

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NeoCryl [®] 6085 Latex ⁷	523.4	60.4	62.8	60.36
Arcosolv PnB ³	31.4	4.3	3.8	4.32
Water	26.7	3.2	3.2	3.20
<i>Measure pH and adjust to 8.0 to 8.5 with AMP 95⁶</i>				
<i>Mix at slow speed for 10 minutes</i>				

TOTALS	885.7	100.0	106.2	99.98
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PAINT PROPERTIES

Density	8.9 lbs/gal	1.062 g/ml
% Solids by weight	35.1	
% Solids by volume	29.5	
% PVC	5	
Pigment to binder ratio	0.19:1	
Calculated VOC	1.84 lbs/gal	221 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
- ⁶Angus Chemical Company, Buffalo Grove, IL
- ⁷DSM NeoResins, Wilmington, MA

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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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