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VANDERBILT

Minerals Formula

Formula 100499
Water-Reducible Alkyd Corrosion Inhibitive Primer
ACTIV-8^{®1} HGL Drier Stabilizer and Accelerator

	Pounds	Gallons	Kilograms	Liters
DISPERSION				
Kelsol® 3961-B2G-75 ²	300.0	34.3	36.2	34.50
Raven® 1225 ³	10.0	1.3	1.2	0.69
Molywhite® 212 ⁴	50.0	2.0	6.0	2.01
Steel Ball mill to 7 Hegman fineness.				
Preblend the next three items, let stand 1 hour then add:				
2-Butoxy Ethanol	30.0	4.0	3.6	4.02
ACTIV-8 HGL ¹	0.9	0.1	0.1	0.11
12% Cobalt drier	0.5	0.1	0.1	0.06
NEUTRALIZATION				
Nopco® NDW ⁵	2.0	0.3	0.2	0.27
AMP 95® ⁶	5.0	0.6	0.6	0.64
Water	477.9	57.3	57.7	57.71
Measure pH and adjust to 8.0 to 8.5 with AMP 95.				
Mix at slow speed for 10 minutes.				
TOTALS	876.3	100.0	105.7	100.01
PAINT PROPERTIES				
Density	8.8 lbs/gal		1.06 g/ml	
% Solids by weight	32.5			
% Solids by volume	26.3			
% PVC	12.5			
Pigment to binder ratio	0.27:1			
Calculated VOC	1.94 lbs/gal		233 g/l	

RAW MATERIAL SUPPLIERS

¹Vanderbilt Minerals, LLC, Norwalk, CT

²Reichhold, Inc., Research Triangle Park, NC

³Columbian Chemicals Company, Marietta, GA

⁴Sherwin-Williams Company, Cleveland, OH

⁵Henkel Corporation, Ambler, PA

⁶Angus Chemical Company, Buffalo Grove, IL

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Moly-White is a registered trademark of SWIMC, Inc.

Nopco is a registered trademark of Henkel Corporation.

Raven is a registered trademark of Columbian Chemical Company.

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