

in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 215-19

Rev. Number: 01.01

02/98

Function	Product	Producer	PBW
Alkyd emulsion	RESYDROL® AZ 436w/45WA	Allnex	55.50
Neutralizing agent	Ammonia, 10%		1.00
Drier	ADDITOL® VXW 4940, 50% demi. water	Allnex	1.30
Antiskinning agent	ADDITOL® XL 297	Allnex	0.30
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer	ADDITOL® VXW 4973	Allnex	0.30
	Demi. water		12.90
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPO	Sudarshan	5.50
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.60
Calcium carbonate	Millicarb®	Omya	5.30
Magnesium silicate	FINNTALC M05N	Elementis	8.20
Iron oxide red pigment	BAYFERROX® 222 FM	LANXESS	6.50
Grind with a bead mill.			
Rheology modifier	RHEOLATE® 255	Elementis	2.00
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
Add to the grind.			
			100.00
Adjust pH 9.0 - 9.5 with ammonia, 10%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			19.5
PVC in %			25.2
PVC / CPVC			0.5
Solids in %			52.7

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