

in Acrylic emulsion

Water based coatings

Sudarshan formulation No. 03253

Rev. Number: 01.01

05/03

Function	Product	Producer	PBW
Acrylic emulsion	MAINCOTE™ PR-15 Emulsion	Dow	54.80
	Demi. water		7.35
Dispersing agent	TAMOL™ 165A Dispersant	Dow	2.05
Defoamer	Foamaster® AP	BASF	0.20
Surfactant	IGEPAL® CTA-639/W	SOLVAY	0.45
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	7.15
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.80
Magnesium silicate	Talc 2610	Mineral and Pigment Solutions	6.35
Calcium carbonate	ALBAGLOS®	Specialty Minerals	6.35
Iron oxide red pigment	BAYFERROX® 222 FM	LANXESS	2.90
Rheology modifier	BENTONE® LT	Elementis	0.10
Grind with a bead mill.			
Solvent	Butyl glycol		7.65
Plasticizer	Dibutyl phthalate		0.80
Solvent	Methyl alcohol		1.75
Flash rust inhibitor	Sodium nitrite, 15% in demi. water		0.90
Neutralizing agent	Ammonia, 14%		0.40
Add while stirring.			

100.00

Adjust pH 8.5 - 9.0 with ammonia, 25%.

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	26.7
PVC in %	23.4
PVC / CPVC	0.5
Solids in %	51.4

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