

in Acrylic emulsion

Water based coatings

Sudarshan formulation No. 333-20

Rev. Number: 01.01

02/09

Function	Product	Producer	PBW
	Dipropylene glycol monomethyl ether		2.05
	Demi. water		6.10
Dispersing agent	TAMOL™ 165A Dispersant	Dow	1.35
Neutralizing agent	Ammonia, 28%		0.10
Surfactant	TRITON™ CF-10 Surfactant	Dow	0.15
Defoamer/Deaerator	TEGO® Foamex 1488	Evonik	0.20
Add components separately while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	7.95
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.90
Calcium carbonate	Atomite®	Imerys	9.35
Iron oxide red pigment	BAYFERROX® 120 NM	LANXESS	4.50
Rheology modifier	AEROSIL® R 972	Evonik	0.20
Grind with a bead mill.			
Acrylic emulsion	MAINCOTE™ HG-54D Emulsion	Dow	58.00
Neutralizing agent	Ammonia, 28%		0.35
Add to the grind.			
	Demi. water		2.05
	Dipropylene glycol monobutyl ether		3.05
Plasticizer	Dibutyl phthalate		1.55
Defoamer	TEGO® Foamex 1488	Evonik	0.40
Flash rust inhibitor	Sodium nitrite, 15% in demi. water		0.95
Premix and add while stirring.			
Rheology modifier	ACRYSOL™ RM-12W	Dow	0.40
	Demi. water		0.40
Premix and add while stirring.			

100.00

Specifications	
Vol.-% Anticorrosive pigment reg. pigment/filler	32.0
PVC in %	27.4
PVC / CPVC	0.5
Solids in %	49.5

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