

in Acrylic emulsion

Water based coatings

Sudarshan formulation No. 333-07

Rev. Number: 01.01

01/05

Function	Product	Producer	PBW
	Dipropylene glycol monomethyl ether		2.05
	Demi. water		6.15
Dispersing agent	TAMOL™ 165A Dispersant	Dow	1.25
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® ZAM-PLUS	Sudarshan	10.45
Calcium carbonate	Atomite®	Imerys	10.50
Iron oxide red pigment	BAYFERROX® 120 NM	LANXESS	5.05
Rheology modifier	AEROSIL® R 972	Evonik	0.25
Grind with a bead mill.			
Acrylic emulsion	MAINCOTE™ HG-54D Emulsion	Dow	54.90
Neutralizing agent	Ammonia, 28%		0.30
Add to the grind.			
	Demi. water		2.00
	Dipropylene glycol monobutyl ether		3.10
Plasticizer	Dibutyl phthalate		1.45
Defoamer	TEGO® Foamex 1488	Evonik	0.40
Flash rust inhibitor	Sodium nitrite, 15% in demi. water		0.90
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	36.0
PVC in %	30.6
PVC / CPVC	0.5
Solids in %	51.4

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