

in Styrene acrylic acid ester dispersion

Water based coatings

Sudarshan formulation No. 323-06

Rev. Number: 01.01

06/04

Function	Product	Producer	PBW
	Demi. water		8.60
Defoamer	BYK®-044	BYK-Chemie	0.10
Neutralizing agent	AMP-90™	ANGUS Chemie	0.15
Dispersing agent	NUOSPERSE® FX 600	Elementis	0.55
Wetting and dispersing agent	NUOSPERSE® FN 265	Elementis	0.35
Defoamer	ADDITOL® VXW 4973	Allnex	0.35
Corrosion inhibitor	NALZIN® FA 179	Elementis	0.15
Preservative	Mergal® K10N	Troy Chemical	0.20
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	5.05
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.55
Magnesium silicate	Microtalc™ IT Extra	Elementis	5.00
Calcium carbonate	Millicarb®	Omya	3.15
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	4.30
Grind with a bead mill.			
Rheology modifier	DSX® 1550	BASF	0.20
Add to the grind.			
Styrene acrylic acid ester disp.	Mowilith® LDM 7416	Celanese	48.70
Neutralizing agent	Ammonia		0.20
	Demi. water		21.00
Coalescing agent	Eastman Texanol™	Eastman Chemical	1.40
Premix while stirring. Then add grind.			
			100.00

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	26.7
PVC in %	19.1
PVC / CPVC	0.4
Solids in %	43.8

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