

in Styrene acrylic acid ester dispersion

Water based coatings

Sudarshan formulation No. 688-16

Rev. Number: 01.01

05/13

Function	Product	Producer	PBW
	Demi. water		8.60
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	AGITAN® 280	MÜNZING	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	4.60
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.50
Magnesium silicate	Microtalc™ IT Extra	Elementis	4.55
Calcium carbonate	Millicarb®	Omya	2.85
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	3.90
Grind with a bead mill.			
Rheology modifier	DSX® 1550	BASF	0.20
Add to the grind.			
Styrene acrylic acid ester disp.	Mowilith® LDM 7411	Celanese	50.20
Neutralizing agent	Ammonia		0.20
	Demi. water		20.90
Coalescing agent	Eastman Texanol™	Eastman Chemical	1.40
Premix while stirring. Then add grind.			

100.00

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	31.0
PVC in %	17.1
PVC / CPVC	0.4
Solids in %	41.9

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