

in Acrylic dispersion

Water based coatings

Sudarshan formulation No. 643-07

Rev. Number: 01.01

12/13

Function	Product	Producer	PBW
	Demi. water		6.00
Neutralizing agent	AMP-90™	ANGUS Chemie	0.10
Defoamer	AGITAN® 301	MÜNZING	0.10
Rheology modifier	DSX® 1550	BASF	0.10
Dispersing agent	NUOSPERSE® FX 600	Elementis	0.40
Wetting and dispersing agent	NUOSPERSE® FN 265	Elementis	0.20
Preservative	Mergal® K10N	Troy Chemical	0.15
Defoamer	ADDITOL® VXW 4973	Allnex	0.20
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	9.20
Magnesium silicate	Microtalc™ IT Extra	Elementis	8.80
Calcium carbonate	DURCAL 2	Omya	5.50
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	7.50
Grind with a bead mill.			
Acrylic dispersion	ALBERDINGK® AC 2403	Alberdingk Boley	45.90
	Demi. water		14.50
Coalescing agent	Eastman Texanol™	Eastman Chemical	1.10
Neutralizing agent	Ammonia, 25%		0.15
Rheology modifier	DSX® 1550	BASF	0.10
Add while stirring.			
			100.00
Adjust pH 8.0 - 8.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			26.0
PVC in %			30.3
PVC / CPVC			0.6
Solids in %			52.5

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