

## in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 947-08

Rev. Number: 01.01

11/19

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	43.30
Defoamer	FoamStar® SI 2210	BASF	0.20
	Demi. water		5.70
Dispersing agent	Hydropalat® WE 3425	BASF	0.05
Neutralizing agent	Ammonia, 25%		0.50
<b>Premix.</b>			
Coalescing agent	DOWANOL™ PPh	Dow	0.70
Solvent	Exxsol™ D60	ExxonMobil	0.70
<b>Premix.</b>			
Anticorrosive pigment	HEUCOPHOS® CMP	Sudarshan	7.50
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	2.90
Barium sulfate	Albasoft 70	Sachtleben Minerals	7.45
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.95
<b>Grind with a bead mill.</b>			
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	18.30
Defoamer	FoamStar® SI 2210	BASF	0.20
<b>Add to the grind.</b>			
Flash rust inhibitor	CHE®-COAT-CI LNFA4	C.H. Erbslöh	0.20
	Demi. water		0.20
<b>Premix and add while stirring.</b>			
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
Corrosion inhibitor	ASCONIUM® -143	ASCOTEC	2.65
<b>Premix and add while stirring.</b>			
Rheology modifier	Rheovis® PU 1280	BASF	0.35
Solvent	Butyl glycol		1.30
<b>Premix and add while stirring.</b>			
Neutralizing agent	Ammonia, 25%		0.55
<b>Add to the grind.</b>			
			100.00
<b>Adjust pH 9.3 - 9.5 with AMP-90.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			39.5
PVC in %			19.6
PVC / CPVC			0.4
Solids in %			55.6

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