

in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 940-04

Rev. Number: 01.01

06/19

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	40.55
Defoamer	FoamStar® SI 2210	BASF	0.20
	Demi. water		5.85
Dispersing agent	Hydropalat® WE 3425	BASF	0.05
Neutralizing agent	Ammonia, 25%		0.55
Premix.			
Coalescing agent	DOWANOL™ PPh	Dow	0.70
Solvent	Exxsol™ D60	ExxonMobil	0.70
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	7.75
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	3.40
Zinc sulfide/Barium sulfate	Lithopone 30% L	Venator	12.15
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	8.10
Grind with a bead mill.			
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	17.15
Defoamer	FoamStar® SI 2210	BASF	0.20
Add to the grind.			
Flash rust inhibitor	CHE®-COAT-CI LNFA4	C.H. Erbslöh	0.20
	Demi. water		0.20
Premix and add while stirring.			
Rheology modifier	Rheovis® PU 1280	BASF	0.40
Solvent	Butyl glycol		1.30
Premix and add while stirring.			
Neutralizing agent	Ammonia, 25%		0.55
Add to the grind.			
			100.00
Adjust pH 9.3 - 9.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			28.0
PVC in %			23.3
PVC / CPVC			0.4
Solids in %			60.3

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