

## in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 319-04

Rev. Number: 01.01

08/03

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® S 760	BASF	42.65
Defoamer	BYK®-022	BYK-Chemie	0.25
<b>Premix.</b>			
	Demi. water		6.35
Surfactant	Lutensit® A-EP	BASF	0.07
Neutralizing agent	Ammonia		1.20
<b>Premix and add while stirring.</b>			
Solvent	Solvenon® PP	BASF	0.78
Solvent	Exxsol™ D60	ExxonMobil	0.70
<b>Add while stirring.</b>			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	7.40
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.80
Calcium carbonate	Millicarb®	Omya	10.55
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	7.80
<b>Grind with a bead mill.</b>			
Styrene acrylic dispersion	Acronal® S 760	BASF	18.05
Defoamer	BYK®-022	BYK-Chemie	0.20
<b>Add to the grind.</b>			
Flash rust inhibitor	CHE®-COAT-CI L8AF	C.H. Erbslöh	0.10
Flash rust inhibitor	CHE®-COAT-CI L8NF	C.H. Erbslöh	0.10
	Demi. water		0.20
<b>Add while stirring.</b>			
Rheology modifier	Rheovis® PU 1280	BASF	0.20
Solvent	Butyl glycol		1.60
<b>Premix and add while stirring.</b>			
Solvent	Butyl glycol		1.00
<b>Add while stirring.</b>			
			100.00
<b>Adjust pH 9.0 - 9.5 with ammonia.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			26.7
PVC in %			22.4
PVC / CPVC			0.4

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