

in Acrylic emulsion

Water based coatings

Sudarshan formulation No. 524-09

Rev. Number: 01.01

11/15

Function	Product	Producer	PBW
	Demi. water		14.50
Solvent	Butyl glycol		3.80
Dispersing agent	OROTAN™ 165 Dispersant	Dow	1.10
Wetting agent	TROYSOL™ LAC	Troy Chemical	0.20
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
Defoamer	Drewplus™ TS-4380	Ashland	0.10
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	5.90
Magnesium silicate	Talc 2610	Mineral and Pigment Solutions	13.50
Iron oxide yellow pigment	BAYFERROX® 3910	LANXESS	5.40
Grind with a bead mill.			
Acrylic emulsion	MAINCOTE™ PR-71 Emulsion	Dow	51.00
Plasticizer	KP-140 Tributoxoethyl phosphate (TBEP)	Integrated Chemicals Specialtie:	0.70
Neutralizing agent	Ammonia, 25%		0.30
Premix and add to the grind.			
Solvent	Ethanol, 96%		1.90
Flash rust inhibitor	CHE®-COAT-CI L8AF	C.H. Erbslöh	0.25
Flash rust inhibitor	CHE®-COAT-CI L8NF	C.H. Erbslöh	0.25
Rheology modifier	ACRYSOL™ RM-8W	Dow	0.80
Add while stirring.			
			100.00
Adjust pH 9.0 - 9.5 with ammonia.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			21.0
PVC in %			24.6
PVC / CPVC			0.5
Solids in %			50.3

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