

in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 173-03

Rev. Number: 01.01

04/95

Function	Product	Producer	PBW
	Demi. water		19.60
Dispersing agent	OROTAN™ 731 DP Dispersant	Dow	2.50
Surfactant	TRITON™ CF-10 Surfactant	Dow	0.40
Rheology modifier	ACRYSOL™ RM-8W, 14% in demi. water	Dow	1.50
Defoamer	AGITAN® 295	MÜNZING	0.10
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPO	Sudarshan	6.10
Magnesium silicate	FINNTALC M05N	Elementis	7.10
Muscovite mica	Micro Mica™ W1	Omya	4.70
Iron oxide black pigment	BAYFERROX® 318 M	LANXESS	4.70
Grind with a bead mill.			
Medium oil alkyd emulsion	Uradil™ AZ554 Z-50	DSM Coating Resins	50.90
Defoamer	AGITAN® 295	MÜNZING	0.10
Drier	SOLAPLEX® WEB Cobalt 8%	Venator	0.50
Corrosion inhibitor	NALZIN® FA 179	Elementis	0.30
Rheology modifier	RHEOLATE® FX 1010, 50% demi. water	Elementis	1.50
Add while stirring.			
			100.00

Specifications	
Vol.-% Anticorrosive pigment reg. pigment/filler	25.0
PVC in %	22.2
PVC / CPVC	0.5
Solids in %	50.7

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