

in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 907-16

Rev. Number: 01.01

03/20

Function	Product	Producer	PBW
Slurry:			
	Demi. water		9.50
Coalescing agent	Eastman Optifilm™ Enhancer 300	Eastman Chemical	0.55
Dispersing agent	OROTAN™ 850 ER LO Dispersant	Dow	0.70
Wetting and dispersing agent	EDAPLAN® 490	MÜNZING	0.50
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	8.50
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	2.65
Barium sulfate	BLANC FIXE micro®	Venator	6.70
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.30
Add while stirring.			
Defoamer	Drewplus™ TS-4385	Ashland	0.10
Flash rust inhibitor	CHE®-COAT-CI LNFA4	C.H. Erbslöh	0.10
	Demi. water		0.10
Surfactant	BYK®-349	BYK-Chemie	0.05
Corrosion inhibitor	ASCONIUM® -142DA	ASCOTEC	1.00
Neutralizing agent	Ammonia, 25%		0.10
Rheology modifier	TAFIGEL® PUR 45	MÜNZING	0.30
Grind with a bead mill.			
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	62.85
Add while stirring.			
			100.00
Adjust pH 9.2 - 9.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			39.5
PVC in %			23.2
PVC / CPVC			0.4
Solids in %			55.6

Gf-WB06_056-01_01B

Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.