

## in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 840-02

Rev. Number: 01.01

01/17

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 780	BASF	18.30
Defoamer	BYK®-022	BYK-Chemie	0.30
Substrate wetting agent	SURFYNOL® 104 PA	Evonik	0.40
<b>Premix.</b>			
	Demi. water		7.15
Surfactant	Lutensit® A-EP	BASF	0.10
Neutralizing agent	Ammonia, 25%		0.30
<b>Premix and add while stirring.</b>			
Coalescing agent	DOWANOL™ PPh	Dow	0.70
Solvent	Exxsol™ D60	ExxonMobil	0.70
<b>Add while stirring.</b>			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	12.60
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	14.20
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	10.50
<b>Grind with a bead mill.</b>			
<b>Letdown:</b>			
Styrene acrylic dispersion	Acronal® PRO 780	BASF	32.50
Defoamer	BYK®-022	BYK-Chemie	0.10
Flash rust inhibitor	CHE®-COAT-CI LNFA4, 50% demi. water	C.H. Erbslöh	1.10
<b>Add while stirring.</b>			
Rheology modifier	Rheovis® PU 1270	BASF	0.20
Solvent	Butyl glycol		0.20
	Demi. water		0.65
			100.00
<b>Adjust pH 9.1 - 9.5 with ammonia, 25%.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			30.0
PVC in %			31.4
PVC / CPVC			0.6
Solids in %			62.8

Gf-WB06\_042-01\_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.