

## in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 06299

Rev. Number: 01.01

08/06

Function	Product	Producer	PBW
	Demi. water		5.80
Neutralizing agent	AMP-95™	ANGUS Chemie	0.10
Wetting and dispersing agent	NUOSPERSE® W-22	Elementis	0.50
Dispersing agent	OROTAN™ 850 ER LO Dispersant	Dow	0.50
Corrosion inhibitor	NALZIN® FA 179	Elementis	0.45
Solvent	Butyl glycol		1.85
Defoamer	Drewplus™ TS-4380	Ashland	0.05
<b>Add components separately while stirring.</b>			
Anticorrosive pigment	Calcium Phosphate CP	Sudarshan	7.45
Magnesium silicate	Microtalc™ IT Extra	Elementis	4.60
Titanium dioxide	KRONOS® 2190	KRONOS	10.70
Barium sulfate	BLANC FIXE™ N	Venator	3.10
Carbon black pigm. preparation	Hostatint® Black GR 30	Clariant	1.00
<b>Grind with a bead mill.</b>			
	Demi. water		3.10
Styrene acrylic dispersion	NeoCryl® XK-65	DSM Coating Resins	52.05
<b>Add to the grind.</b>			
Epoxy ester	RESYDROL® AX 237w/70BG	Allnex	2.55
Solvent	Butyl glycol		1.20
Drier	Octa-Soligen® Cobalt 10	Borchers	0.05
Neutralizing agent	Ammonia, 25%		0.15
<b>Premix and add to the grind.</b>			
Defoamer	Drewplus™ TS-4380	Ashland	0.05
Coalescing agent	Eastman Texanol™	Eastman Chemical	0.95
Solvent	Butyl glycol		3.60
Neutralizing agent	AMP-95™	ANGUS Chemie	0.20
<b>Add while stirring.</b>			
			100.00
<b>Adjust pH 8.5 with ammonia, 25%.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			35.0
PVC / CPVC			0.5
Solids in %			49.0

**Gf-WB06\_059-01\_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.