

in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 755-09

Rev. Number: 01.01

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Function	Product	Producer	PBW
	Demi. water		9.10
Wetting and dispersing agent	NUOSPERSE® W-30	Elementis	1.60
Solvent	Butyl glycol		6.00
Corrosion inhibitor	NALZIN® FA 379	Elementis	0.65
Styrene acrylic dispersion	NeoCryl® XK-87	DSM Coating Resins	19.50
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	8.45
Magnesium silicate	Microtalc™ IT Extra	Elementis	5.80
Titanium dioxide	KRONOS® 2190	KRONOS	8.75
Carbon black pigm. preparation	Hostatint® Black GR 30	Clariant	1.35
Grind to a fineness of < 20 microns, temperature < 40 °C.			
Letdown:			
Styrene acrylic dispersion	NeoCryl® XK-87	DSM Coating Resins	35.35
Coalescing agent	Eastman Texanol™	Eastman Chemical	2.30
Corrosion inhibitor	NACORR® 1652	King Industries	0.65
Defoamer	Drewplus™ TS-4380	Ashland	0.40
Rheology modifier	VISCOATEX™ 46	Coatex	0.10
			100.00

Adjust pH 8.0 - 8.3 with ammonia, 25%.

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	36.5
PVC in %	21.7
PVC / CPVC	0.5
Solids in %	51.0

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