

in Styrene acrylic dispersion

Water based coatings

Heubach formulation No. 329-17

Rev. Number: 01.01

12/03

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
Add components separately while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Heubach	7.40
Corrosion inhibitor	HEUCORIN® RZ	Heubach	0.80
Magnesium silicate	Microtalc™ IT Extra	Elementis	4.40
Titanium dioxide	KRONOS® 2190	KRONOS	10.25
Barium sulfate	BLANC FIXE™ N	Venator	3.00
Carbon black pigm. preparation	Hostatint® Black GR 30	Clariant	1.00
Grind with a bead mill.			
	Demi. water		3.10
Styrene acrylic dispersion	NeoCryl® XK-65	DSM Coating Resins	52.05
Add to the grind.			
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
Premix and add to the grind.			
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
Premix and add to the grind.			
			100.00
Adjust pH 8.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			31.2
PVC in %			26.6
PVC / CPVC			0.5
Solids in %			49.0

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