

in Hybrid resin

Other water based coatings

DSM Coating Resins formulation No. D-1515

Rev. Number: 01.01

03/00

Function	Product	Producer	PBW
Styrene acrylic dispersion	NeoCryl® XK-85	DSM Coating Resins	10.90
	Demi. water		6.15
Defoamer	Drew™ 210-693	Ashland	0.15
Dispersing agent	NUOSPERSE® W-33	Elementis	1.30
Rheology modifier	ACRYSOL™ TT-935, 50% in demi. water	Dow	0.60
Corrosion inhibitor	NALZIN® FA 179	Elementis	0.50
Solvent	Butyl glycol		2.10
Acrylic emulsion	NeoCryl® BT-24	DSM Coating Resins	2.50
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPO	Sudarshan	6.30
Talc/chlorite filler	LUZENAC 20M0	Imerys	10.50
Iron oxide black pigment	BAYFERROX® 318 M	LANXESS	4.10
Carbon black pigment	Special Black® 4	Orion Engineered Carbons	0.50
Rheology modifier	AEROSIL® R 972	Evonik	0.50
Grind to a fineness of < 20 microns, temperature < 40 °C.			
Styrene acrylic dispersion	NeoCryl® XK-85	DSM Coating Resins	43.00
	Demi. water		1.00
Coalescing agent	Eastman Texanol™	Eastman Chemical	1.10
Corrosion inhibitor	NACORR® 1652	King Industries	1.90
Add grind while stirring.			
Epoxy ester	RESYDROL® AX 237w/70BG	Allnex	4.45
Solvent	Butyl glycol		2.10
Drier	Octa-Soligen® Cobalt 10	Borchers	0.05
Neutralizing agent	Ammonia, 25%		0.30
Premix and let stay the solution overnight before addition.			
			100.00
Specifications			
PVC in %			22.0
Solids in %			49.0

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