

in Acrylic emulsion

Water based coatings

Dow formulation No. P-71-3B

Rev. Number: 01.01

07/95

Function	Product	Producer	PBW
	Demi. water		19.40
Dispersing agent	TAMOL™ 165A Dispersant	Dow	1.10
Defoamer	SAG™ 5440	Momentive	0.10
Substrate wetting agent	SURFYNOL® 104 H	Evonik	0.40
Neutralizing agent	Ammonia, 28%		0.20
Premix.			
Magnesium silicate	Talc 2610	Mineral and Pigment Solutions	9.90
Anticorrosive pigment	HEUCOPHOS® ZMP	Heubach	5.00
Anticorrosive pigment	SHIELDX® AC 5	Grace	2.50
Titanium dioxide	Ti-Pure™ R-900	The Chemours Company	5.00
Carbon black pigment	Chroma-chem® 896-9901	Chromaflor Technologies	0.10
Grind 15 - 20 minutes.			
Rheology modifier	BENTONE® LT, 4% in demi. water	Elementis	2.50
Grind 5 minutes at lower speed.			
Acrylic emulsion	MAINCOTE™ PR-71 Emulsion	Dow	46.30
Add grind while stirring.			
Glycol ether	Propylene glycol monobutyl ether		3.55
Plasticizer	KP-140 Tributoxyethyl phosphate (TBEP)	Integrated Chemicals Specialtie:	0.70
Defoamer	SAG™ 5440	Momentive	0.10
Solvent	Ethyl alcohol		1.80
Flash rust inhibitor	Sodium nitrite, 15% in demi. water		0.90
Rheology modifier	ACRYSOL™ RM-8	Dow	0.45
Add while stirring.			
			100.00
Specifications			
PVC in %			26.6

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