

in 2K Epoxy

Water based coatings

Hexion formulation No. SF1797

Rev. Number: 01.01

02/21

Function	Product	Producer	PBW
Component A			
Epoxy dispersion	EPI-REZ™ Resin 7723-W-53	Hexion	32.60
Coalescing agent	Eastman Optifilm™ Enhancer 400	Eastman Chemical	2.80
Defoamer	BYK®-1780	BYK-Chemie	0.25
Wetting and dispersing agent	DISPERBYK®-2080	BYK-Chemie	1.70
	Demi. water		7.30
Premix.			
Anticorrosive pigment	HEUCOPHOS® CAPP	Heubach	8.55
Muscovite mica	MICA L	Aspanger	0.65
Wollastonite	TREMION® 283-600 EST	HPF The Mineral Engineers	9.05
Titanium dioxide	Ti-Pure™ R-960	The Chemours Company	9.20
Barium sulfate	Albawhite 80	Sachtleben Minerals	6.15
Mix 10 minutes at 1000 rpm (Filler addition).			
Mix 15 minutes at 3000 rpm (Filler dispersion).			
Epoxy dispersion	EPI-REZ™ Resin 7723-W-53	Hexion	6.75
Adhesion promoter	CoatOSil™ MP 200	Momentive	0.50
Defoamer	BYK®-1710	BYK-Chemie	0.40
Mix 10 minutes at 1000 rpm (Let down).			
			85.90
Component B			
Curing agent	EPIKURE™ Curing Agent 6870-W-53	Hexion	13.80
Flash rust inhibitor	ASCOTRAN® H10	ASCOTEC	0.30
Add while stirring.			
			14.10
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			31.5
PVC in %			27.8
Solids in %			63.2

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