

in 2K Epoxy

Water based coatings

Sudarshan formulation No. 313-07

Rev. Number: 01.01

05/16

Function	Product	Producer	PBW
Component A			
Epoxy dispersion	EPI-REZ™ Resin 6520-WH-53	Hexion	25.25
Glycol ether	DOWANOL™ PPh	Dow	2.70
Defoamer	FoamStar® ED 2526	BASF	0.25
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPA	Sudarshan	9.55
Muscovite mica	MICA SG	Aspanger	0.65
Wollastonite	Casiflux® G 38	Sibelco	9.20
Titanium dioxide	Ti-Pure™ R-960	The Chemours Company	9.25
Barium sulfate	BLANC FIXE™ N	Venator	5.80
Grind with a bead mill.			
Epoxy dispersion	EPI-REZ™ Resin 6520-WH-53	Hexion	12.45
Adhesion promoter	CoatOSil™ 1770 silane	Momentive	0.70
	Demi. water		8.90
Add while stirring.			
			84.70
Component B			
Curing agent	EPIKURE™ Curing Agent 6870-W-53	Hexion	15.15
Flash rust inhibitor	RAYBO 60 NoRust	Raybo Chemical	0.15
Add while stirring.			
			15.30
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			29.9
PVC in %			30.4
PVC / CPVC			0.5
Solids in %			63.4

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