

in 2K Epoxy

Water based coatings

Sudarshan formulation No. 00185

Rev. Number: 01.01

08/00

Function	Product	Producer	PBW
Component A			
Epoxy dispersion	EPI-REZ™ Resin 5522-WY-55	Hexion	23.50
	Demi. water		8.60
Wetting and dispersing agent	DISPERBYK®-190	BYK-Chemie	0.50
Defoamer	DEE FO® PI-40	MÜNZING	0.10
Glycol ether	DOWANOL™ PM	Dow	0.30
Premix.			
Anticorrosive pigment	HEUCOPHOS® SAPP	Sudarshan	8.20
Silica/Alumina Ceramic	Zeeospheres™ G-400	Zeeosphere Ceramics	6.10
Muscovite mica	Micro Mica™ W1	Omya	0.70
Wollastonite	10 ES WOLLASTOCOAT®	NYCO Minerals	8.90
Barium sulfate	Albasoft 70	Sachtleben Minerals	6.10
Iron oxide red pigment	BAYFERROX® 222 FM	LANXESS	6.10
Grind with a bead mill.			
Epoxy dispersion	EPI-REZ™ Resin 5522-WY-55	Hexion	15.45
Defoamer	DEE FO® PI-40	MÜNZING	0.10
Solvent	Benzyl alcohol		0.70
Add while stirring.			
			85.35
Component B			
Curing agent	ANQUAMINE® 419	Evonik	5.30
Glycol ether	DOWANOL™ PM	Dow	1.50
	Glacial acetic acid		0.05
	Demi. water		7.80
Add while stirring.			
			14.65
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			24.4
PVC in %			34.8
Solids in %			61.0

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