

in 2K Epoxy

Water based coatings

Sudarshan formulation No. 04260

Rev. Number: 01.01

10/04

Function	Product	Producer	PBW
Component A			
Epoxy dispersion	BECKOPOX® EP 385w/56WA	Allnex	20.30
	Demi. water		6.30
Wetting and dispersing agent	DISPERBYK®-190	BYK-Chemie	0.65
Defoamer	DEE FO® PI-40	MÜNZING	0.10
Glycol ether	DOWANOL™ PM	Dow	0.60
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	6.70
Silica/Alumina Ceramic	Zeeospheres™ G-400	Zeeosphere Ceramics	6.70
Muscovite mica	Micro Mica™ W1	Omya	1.40
Wollastonite	10 ES WOLLASTOCOAT®	NYCO Minerals	10.05
Barium sulfate	Albasoft 70	Sachtleben Minerals	6.70
Iron oxide red pigment	BAYFERROX® 222 FM	LANXESS	6.70
Grind with a bead mill.			
Epoxy dispersion	BECKOPOX® EP 385w/56WA	Allnex	17.00
Defoamer	DEE FO® PI-40	MÜNZING	0.15
Solvent	Benzyl alcohol		0.80
	Demi. water		1.20
Add while stirring.			85.35
Component B			
Curing agent	ANQUAMINE® 419	Evonik	7.30
Glycol ether	DOWANOL™ PM	Dow	1.50
	Glacial acetic acid		0.05
	Demi. water		5.80
Add while stirring.			14.65
Mix components A and B thoroughly prior to use.			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			16.6
PVC in %			35.2
Solids in %			63.8

Gf-WB02_007-01_01B

Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.