

in Direct to metal

Specialty coatings

Sudarshan formulation No. 954-05

Rev. Number: 01.02

09/23

Function	Product	Producer	PBW
	Demi. water		8.20
Rheology modifier	ACRYSOL™ RM-5000	Dow	0.50
Wetting and dispersing agent	TEGO® Dispers 750 W	Evonik	0.40
Substrate wetting agent	SURFYNOL® 104 E	Evonik	0.40
Defoamer	BYK®-023	BYK-Chemie	0.20
Neutralizing agent	AMP-90™	ANGUS Chemie	0.20
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	2.35
Titanium dioxide	TIOXIDE® TR92	Venator	12.10
Grind with a bead mill.			
	Demi. water		1.60
Defoamer	BYK®-024	BYK-Chemie	0.15
Styrene acrylic dispersion	Pliotec® HDT12	Synthomer	64.80
Solvent	Mono propylene glycol		1.00
Glycol ether	DOWANOL™ DPM	Dow	0.80
Glycol ether	DOWANOL™ DPnB	Dow	1.20
Coalescing agent	Eastman Optifilm™ Enhancer 300	Eastman Chemical	0.50
Rheology modifier	ACRYSOL™ RM-8W	Dow	0.20
Flash rust inhibitor	HEUCOFLASH™ LQ1	Sudarshan	0.80
	Demi. water		4.60
Add while stirring.			
			100.00
Adjust pH 8.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			20.0
PVC in %			11.2
PVC / CPVC			0.2
Solids in %			46.9

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