

in Direct to metal

Specialty coatings

Sudarshan formulation No. 977-05

Rev. Number: 01.01

12/20

Function	Product	Producer	PBW
	Demi. water		5.20
Wetting and dispersing agent	TEGO® Dispers 750 W	Evonik	1.00
Neutralizing agent	AMP-95™	ANGUS Chemie	0.15
Defoamer	BYK®-024	BYK-Chemie	0.20
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	4.25
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.50
Kaolin	METASIAL® ZS NT	SOKA	0.80
Titanium dioxide	KRONOS® 2190	KRONOS	12.50
Barium sulfate	BLANC FIXE micro®	Venator	1.85
Rheology modifier	Coapur™ 830 W, 10% in demi. water	Coatex	0.70
Grind with a bead mill.			
	Demi. water		3.00
PU modified alkyd emulsion	InoKem UR 3309 (50% bio based)	Ecoat	65.05
Drier	Borchi® OXY - Coat 1101	Borchers	0.20
Solvent	Butyl glycol		3.90
Rheology modifier	Coapur™ 830 W, 10% in demi. water	Coatex	0.70
Add while stirring.			
			100.00
Adjust pH 6.5 - 8.5 with ammonia.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			35.0
PVC in %			18.9
PVC / CPVC			0.4
Solids in %			46.0

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