

Polymethylmethacrylate (PMMA)

Other solvent based coatings

Sudarshan formulation No. 578-05

Rev. Number: 01.01

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Function	Product	Producer	PBW
Polymethylmethacrylate (PMMA)	DEGALAN® LP 65/11	Röhm	9.05
Solvent	Solvesso™ 100	ExxonMobil	9.05
Solve and premix.			
Wetting and dispersing agent	TEGO® Dispers 655	Evonik	0.30
Dispersing, antissettling/floating	TEXAPHOR® 963	BASF	0.20
Plasticizer	DISPLAST® TM 7-9/ST	Polynt	2.65
Solvent	Solvesso™ 100	ExxonMobil	2.65
Add while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	10.15
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	1.10
Calcium carbonate	Omyacarb® 6	Omya	7.55
Mica/quartz/chlorite filler	Plastorit® Micro	Imerys	5.10
Wollastonite	TREMIM® 283-400 AST	HPF The Mineral Engineers	8.20
Calcium carbonate	SOCAL® U1S2	SOLVAY	1.50
Iron oxide black pigment	BAYFERROX® 318 M	LANXESS	9.80
Solvent	Solvesso™ 100	ExxonMobil	2.50
Rheology modifier	BENTONE® SD-2	Elementis	0.05
Grind with a bead mill.			
Epoxy resin	EPON™ Resin 828	Hexion	1.65
Solvent	Solvesso™ 100	ExxonMobil	0.50
Premix and add to the grind.			
Polymethylmethacrylate (PMMA)	DEGALAN® LP 65/11	Röhm	12.70
Solvent	Solvesso™ 100	ExxonMobil	12.70
Solve, premix and add.			
Solvent	Solvesso™ 100	ExxonMobil	2.60
Add while stirring.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			24.0
PVC in %			38.4
PVC / CPVC			0.7
Solids in %			65.2

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