

in High solid polyurethane

Solvent based coatings

Sudarshan formulation No. 891-02

Rev. Number: 01.01

10/18

Function	Product	Producer	PBW
Component A			
Acrylic polyol	WorléeCryl VP A 2117	Worlée-Chemie	30.15
Rheology modifier	WorléeAdd 820, 10% in Xylene	Worlée-Chemie	1.70
Wetting and dispersing agent	DISPERBYK®-167	BYK-Chemie	0.40
Rheology modifier	Hi-Sil™ T-800	PPG Industries	0.15
Solvent	Solvesso™ 100	ExxonMobil	3.35
Solvent	Butyl acetate		3.10
Anticorrosive pigment	HEUCOPHOS® ZAM-PLUS	Sudarshan	3.90
Magnesium silicate	FINNTALC M15	Elementis	5.55
Mica/quartz/chlorite filler	Plastorit® Micro	Imerys	6.90
Calcium/Magnesium carbonate	MICRODOL® 1	Omya	20.25
Titanium dioxide	KRONOS® 2310	KRONOS	8.30
Iron oxide yellow pigment	BAYFERROX® 420	LANXESS	0.50
Carbon black pigment	MONARCH® 430	Cabot	0.05
Grind with a bead mill.			
Surface and defoaming agent	DOWSIL™ 205SL Additive	Dow	0.20
Solvent	Solvesso™ 100/Butyl acetate, 52:48		8.00
Add components separately while stirring.			
			92.50
Component B			
Curing agent	Tolonate™ HDT-LV	VENCOREX	4.50
Solvent	Butyl acetate		3.00
Premix and add while stirring.			
			7.50
			100.00
Mix components A and B thoroughly prior to use.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			7.5
PVC in %			27.3
PVC / CPVC			0.6
Solids in %			73.2
Crosslinking in %			100.0

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