HEUCOSIL™ CTF

in High solid polyurethane

Solvent based coatings | Heubach formulation No. 544-03 | Rev. Number: 01.01 | 10/09

Function	Product	Producer	PBW
Component A			
Acrylic polyol	SETALUX® D A 160 X	Allnex	23.35
Acrylic polyol	SETALUX® D A 450 BA/X	Allnex	7.80
Premix.			
Solvent	Xylene		3.95
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.15
Rheology modifier	BENTONE® 38	Elementis	0.45
Mix until uniform paste prior to addition.			
Defoamer	MODAFLOW® RESIN, 1% in Xylene	Allnex	1.20
Defoamer	BYK®-141	BYK-Chemie	0.25
Solvent	Ethyl acetate		1.00
Solvent	Butyl acetate		1.00
Solvent	Xylene		1.00
Add while stirring.			
Anticorrosive pigment	HEUCOSIL™ CTF	Heubach	3.30
Magnesium silicate	FINNTALC M15	Elementis	2.20
Titanium dioxide	Crenox RKB5	Crenox	7.85
Barium sulfate	BLANC FIXE micro®	Venator	25.20
Iron and manganese oxide black	BAYFERROX® 303 T	LANXESS	0.20
Rheology modifier	AEROSIL® R 972	Evonik	0.15
Grind with a bead mill.			
Solvent	Ethyl acetate		1.00
Solvent	Butyl acetate		1.00
Solvent	Xylene		1.00
Catalyst	Dibutyltin dilaurate		0.25
Add while stirring.			
			82.30
Component B			
Curing agent	Desmodur® N 75 BA	Covestro	6.75
Solvent	Ethyl acetate		3.65
Solvent	Butyl acetate		3.65
Solvent	Xylene		3.65
Premix and add while stirring.			
			17.70
			100.00
Mix components A and B thoroughly prior to use.			

Specifications	
Vol.-% Anticorrosive pigment reg. pigment/filler	15.0
PVC in %	32.7
PVC / CPVC	0.6

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