

Heubach formulation No. 687-03

03/18

FUNCTION	PRODUCT	PRODUCER	PBW
Component A			
Acrylic	Desmophen A 160 X, 60% in Xylene	Covestro	22.10
Acrylic	Desmophen A 450, 50% in Butyl acetate/Xylene (1:1)	Covestro	7.40
Mix.			
Aromatic hydrocarbon	Xylene		3.95
Rheology modifier	Bentone 38	Elementis	0.45
Wetting and Dispersing agent	Anti-Terra-204	Byk-Chemie	0.15
Mix until uniform paste prior to addition.			
Defoamer	Modaflow, 1% in Xylene	Allnex	1.20
Defoamer	Byk-141	Byk-Chemie	0.25
Add while mixing.			
Solvent	Ethyl acetate		1.00
Solvent	Butyl acetate		1.00
Aromatic hydrocarbon	Xylene		1.00
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPA	Heubach	4.75
Antisettling agent	Aerosil R 972	Evonik	0.15
Manganese ferrite	Bayferrox 303 T	Lanxess	0.20
Titanium dioxide	Tronox R-KB-4	Kerr-McGee	7.95
Magnesium silicate	Finntalc M15	Mondo Minerals	2.25
Barium sulphate	Blanc fixe micro	Sachtleben	25.60
Grind with a bead mill.			
Solvent	Ethyl acetate		1.00
Solvent	Butyl acetate		1.00
Aromatic hydrocarbon	Xylene		1.00

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Catalyst	Borchi Kat 0245	Borchers	0.25
Premix.			
			82.65
Component B			
Curing agent	Desmodur N 75, 75%	Covestro	6.40
Add.			
Solvent	Ethyl acetate		3.65
Solvent	Butyl acetate		3.65
Aromatic hydrocarbon	Xylene		3.65
Premix.			
			17.35
Mix components A and B thoroughly prior to use.			
			100.00
SPECIFICATIONS			
Vol.-% Anticorrosive pigment reg. pigment/filler			15.0
PVC in %			34.2
PVC / CPVC			0.6
Solids in %			63.3

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