Wood & Furniture Coatings US SF 3.21.

High glossy white two-pack PU topcoat, based on Desmophen 1300 / Desmodur L 75

	Raw Material	Supplier	% By Weight
Component 1	Desmophen 1300, 75% in xylene	(1)	48.4
	Borchi® Gen 0451	(2)	2.0
	Sachtleben R-KB-6	(3)	32.0
	Aerosil R 972	(4)	0.3
	Bentone SD 2	(5)	0.4
	Borchi® Gol LA 200, 10% in butyl acetate	(2)	1.0
	Dispersion: *30 min. under cooling at 2500 rpm*		
Let down	Butyl acetate		3.2
	Ethyl acetate		2.9
	Methoxy propyl acetate		1.9
	Borchi® Gol OL 17, 10% in butyl acetate	(2)	2.0
	CAB 531.1, 10% in butyl acetate	(6)	4.9
	Borchi® Gol LA 200, 10% in butyl acetate	(2)	1.0
	Total Comp.1		*100.0*
	Desmodur L 75	(1)	29.4
Component 2			
	Butyl acetate		38.3
	Total Comp.1 +2		*167.7*

Data

NCO : OH - ratio	1 : 1
Solids content Comp.1	ap. 71.3 %
Binder content Comp.1	ap. 36.3 %
Pigment content Comp.1	ap. 32 %
Viscosity Comp.1, DIN 53211-cup 4mm, at 23 °C	82 s
Spray viscosity, DIN 53211-cup 4mm, at 23 °C	15 s
Pot life	ap. 6 h
Drying (tack free at room temperature)	ap. 3 h
Hardness, (König method) DIN EN ISO 1522 - after 1week	172 s
Gloss (20°/ 60°angle), DIN 67530 / ISO 2813	90 / 99

Suppliers

(1) Covestro (www.bayer.com)
(2) Borchers Americas (www.omgi.com)
(3) Venator (www.venatorcorp.com)
(4) Evonik (www.aerosil.com)
(5) Elementis (www.elementis.com)
(6) Eastman Chemical (www.eastman.com)

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