

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

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

<b>Data</b>		
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 1 week		172 s
Gloss (20°/ 60°angle), DIN 67530 / ISO 2813		90 / 99

## Suppliers

- (1) Covestro ([www.bayer.com](http://www.bayer.com))
- (2) Borchers Americas ([www.omgi.com](http://www.omgi.com))
- (3) Sachtleben ([www.sachtleben.de](http://www.sachtleben.de))
- (4) Evonik ([www.aerosil.com](http://www.aerosil.com))
- (5) Elementis ([www.elementis.com](http://www.elementis.com))
- (6) Eastman Chemical ([www.eastman.com](http://www.eastman.com))

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