

Water thinnable white two-pack PU topcoat, based on Bayhydrol A 145 und Bayhydur 304

	Raw Material	Supplier	% by wt.
Component 1	1. Bayhydrol A 145, 45%	(1)	40.2
	2. Surfynol 104 BC	(2)	0.9
	3. Borchi® Gel THIX 921	(3)	0.2
	4. Borchi® Gol LA 200 , 10% in BG	(3)	1.0
	5. Borchi® Gen 0851	(3)	2.0
	6. Sachtleben R-KB-4	(4)	24.9
	<i>Total</i>		69.2
	<i>Place const. 1. in the mixing vessel. Add under mixing const. 2.-6.; 20 min. at 2000 rpm pre-dispersion, then dispersion for 60 min in bead mill. Let rest 1 day for deaeration.</i>		
Component 2	7. Bayhydur 304	(1)	12.6
	8. Butoxyl (Methoxy butyl acetate)		3.1
	<i>Total</i>		15.7
	Water (for thinning)*		15.1
	<i>Total</i>		100.0
	<i>Incorporation: stir for approx. 10 min in a dissolver</i>		

* to adjust the spray viscosity

Data	
NCO : OH - ratio	1.5 : 1
Spray viscosity, DIN 53211-cup 4mm, at 23 °C	approx. 28 s
Pendulum hardness, König method – DIN EN ISO 1522 (100 µm wet film thickness on glass) after: 1 day / 3 days / 7 days	64 / 95 / 118
Haze and Gloss (20°/60°angle), DIN 67530 / ISO2813	10 / 76 / 85

Suppliers

- (1) Covestro (www.covestro.com)
- (2) Air Products (www.airproducts.com)
- (3) Borchers (www.borchers.com)
- (4) Sachtleben (www.sachtleben.de)

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Borchers GmbH

Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666
 Fax: +49 (0) 2173 – 39 26 999 / Internet: www.borchers.com / E-Mail: info.info@borchers.com

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