

## Automotive Coatings

EU SF 5.5.

Water thinnable two-pack PU clear coat, based on Bayhydrol A 145 and Bayhydur 304

### Component 1

Raw Material	Supplier	% by wt.
1. Bayhydrol A 145, 45%	(1)	48.3
2. Surfynol 104 BC	(2)	1.1
3. <b>Borchi® Gel THIX 921</b>	(3)	0.2
4. <b>Borchi® Gol LA 200 / Borchi® Gol LA 50</b> (3/7), 10%ig in BG	(3)	1.0
<i>Total</i>		50.6

*Place const.1. in the mixing vessel. Add under mixing const. 2.-4.; Mix further for 30 min. at 2000 rpm. Let rest 1 day for deaeration*

### Component 2

5. Bayhydur 304	(1)	15.1
6. Butoxyl (Methoxy butyl acetate)		3.8
<i>Total</i>		18.9

Water (for thinning)\* 30.5

\* to adjust the spray viscosity

*Total* 100.0

**Incorporation:** stir for approx. 10 min in a dissolver

### Data

NCO : OH -ratio	1.5 : 1
Spray viscosity, DIN 53211-cup 4mm, at 23 °C	approx. 20 s
Pendulum hardness König method - DIN EN ISO 1522 (100 µm wet film thickness on glass) after: 1 day / 3 days / 7 days	120/150/160
Haze and Gloss (20°/60°angle), DIN 67530 / ISO2813 (100 µm wet film thickness on ABS)	16 / 83 / 88

### Suppliers

- (1) Covestro ([www.covestro.com](http://www.covestro.com))
- (2) Air Products ([www.airproducts.com](http://www.airproducts.com))
- (3) Borchers ([www.borchers.com](http://www.borchers.com))

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

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