

Industrial Coatings

EU SF 1.29.

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

	Raw Material	Supplier	% by
Component 1	1. Bayhydrol A 145, 45%	(1)	34.56
	2. Surfynol 104 E	(2)	0.79
	3. Sachtleben R-KB-4	(4)	29.35
	4. Water		6.00
	5. Bayhydrol A 145, 45%	(1)	13.88
	6. Borchi® Gel THIX 921	(3)	0.15
	7. Borchi® Gol LA 50	(3)	0.16
	8. Borchi® Gol LA 200	(3)	0.31
	<i>Total</i>		85.20
Component 2	<i>Place const. 1. Add under mixing const. 2.-4.; 10 min. at 2000 rpm pre- dispersion, then dispersion for 60 min in bead mill. Add under mixing const. 5.-8. Mix for further 30 min. at 2000 rpm. Let rest 1 day for deaeration.</i>		
	9. Bayhydur 304	(1)	14.80
	<i>Total</i>		100.00
	Water (for thinning)*		20.00

* to adjust the spray viscosity

Data

NCO : OH - ratio	1.5 : 1
Spray viscosity, DIN 53211-cup 4mm, at 23 °C	approx. 34 s
Pendulum hardness, König method - DIN EN ISO 1522 (100 µm wet film thickness on glass) after: 1 day / 3 days / 7 days	62 / 102 / 115
Haze and Gloss (20°/60°angle), DIN 67530 / ISO2813	20 / 76 / 84

Suppliers

- (1) Covestro (www.covestro.com)
- (2) Air Products (www.airproducts.com)
- (3) Borchers (www.borchers.com)
- (4) Venator (www.venatorcorp.com)

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

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.