

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 wt.
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. Borch [®] Gel THIX 921	(3)	0.15
	7. Borch [®] Gol LA 50	(3)	0.16
	8. Borch [®] Gol LA 200	(3)	0.31
	<i>Total</i>		<i>85.20</i>
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>		<i>100.00</i>
	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) BASF (www.basf.com)
- (3) Milliken (www.milliken.com)
- (4) Venator (www.venatorcorp.com)

borchers.com/contact

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