borchers
A MILLIKEN BRAND

Industrial Coatings EU SF 1.2.

Water thinnable red two-pack PU topcoat, based on Bayhydrol A 145 / Bayhydur 304

	Raw Material	Supplier	% by wt.
Component 1	Bayhydrol A 145	(1)	93.6
	Borchi® Gen 0851	(2)	2.1
	Borchi® Gel PW 25	(2)	0.3
	Surfynol 104 BC	(3)	2.0
	Irgazin® Red L 3660 HD	(4)	2.0
	Total		*100.0*
	Dispersion: 60 min, on Skandex BAS-20 in 250 ml screw-top jar with 200 g Zr-Silicate grinding beads		
Component 2	Bayhydur 304	(1)	27.7
	Dipropylene glycol dimethyl ether	(5)	4.8
	Total		*32.5*
	Incorporation: stir for approx. 5 min in a dissolver		

Application Compressed-air spraying

Data

NCO : OH - ratio		1.5 : 1
Ratio Comp. 1 : 2		3.1 : 1
Thinning with water		approx. 15 %
Spray viscosity, DIN 53211-cup 4mm, at 23 °C		approx. 30 s
Pot life		approx. 2 h
Drying	dust free	approx. 30 min
	tack free	approx. 3 h
Haze and Gloss (20° angle), DIN 67530 / ISO 2813		20 / 86

Suppliers

(1) Covestro (www.covestro.com)
(2) Milliken (www.milliken.com)
(3) Evonik (www.evonik.com)
(4) BASF (www.basf.com)
(5) Clariant (www.clariant.com)

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