

Industrial Coatings

EU SF 1.10.

Glossy two-pack PU clear coat, fast drying, based on
Setalux D A 870 BA / Desmodur N 3790

	Raw Material	Supplier	% by
Component 1	Setalux D A 870 BA	(5)	47.46
	Borchi® Gol OL 44*	(2)	0.20
	Tinuvin 292*	(3)	1.01
	Tinuvin 384-2, 50% in butyl acetate	(3)	2.02
	DBTL, 1% in xylene	(4)	1.55
	Xylene/butyl acetate/methoxy propyl acetate (1:1:1) <i>To be homogenised in a dissolver</i>		14.43
Component 2	Desmodur N 3790, 90% in butyl acetate	(1)	19.53
	Additive TI	(2)	0.40
	Xylene/butyl acetate/methoxy propyl acetate (1:1:1)		13.40
	Total		100.00

* 50% in xylene / butyl acetate / methoxy propyl acetate (1:1:1)

Mixing ratio of components 1 : 2 (by wt.) = 2 : 1

Application Spraying by means of pneumatic flow cup spray gun

Data	
Spray viscosity, DIN 53211-cup 4mm nozzle	20 s
Solids content on application	52.5 %
Pot life	approx. 2 h
Drying, DIN 53150; 23 °C; TG 1 sand-free:	30 min
Gloss Gardner (20°/60° angle), DIN 6730 / ISO 2813	90 / 93

Suppliers

- (1) Covestro (www.covestro.com)
- (2) Borchers (www.borchers.com)
- (3) Ciba Specialty Chemicals (www.cibasc.com)
- (4) Rhein-Chemie (www.rheinchemie.com)
- (5) Nuplex (www.nuplex.com)

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