

Wood & Furniture Coatings

US SF 3.15.

High gloss 2K PU clear coat, based on Setalux D A 450 BA/X and Desmodur N 75

| | Raw Material | Supplier | % By |
|-------------|----------------------------------------------------------------------------|----------|-------|
| Component 1 | Setalux D A 450 BA/X | (4) | 54.0 |
| | Butylacetate | | 14.0 |
| | Borchi® Gol LAC 80, 50% in xylol / butylacetate / methoxy propyl | (2) | 0.3 |
| | CAB 381-2, 25% in butyl acetate | (3) | 12.0 |
| | Methyl ethyl ketone | | 19.7 |
| | <i>Total</i> | | 100.0 |
| | <i>Homogenize in a dissolver</i> | | |
| Component 2 | Desmodur N 75, 75% in xylene / methoxy propyl | (1) | 8.0 |

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| Formulation Parameters | Comp.1: Comp. 2 - Mixing ratio | 100 : 8 |
| | Solids content (Comp. 1), DIN EN ISO 3251 | 30 % |
| | Solids content on application | 30.5 % |
| | Thinning for spray viscosity: xylene/butyl acetate (1:1) | 10 % |

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| Properties | Spray viscosity, DIN 53211-cup 4mm, at 23 °C | ap. 24 s |
| | Pot life | > 8 h |
| | Drying TG 1 (sand dry), DIN 53150, at 23 °C | 5 min |
| | Hardness (König method), DIN EN ISO 1522 - after 1week | ap. 195 s |
| | Gloss Gardner (20° / 60° angle), DIN 67530 / ISO 2813 | 80 / 86 |
| | Haze | 13 |
| | Chemical resistance, DIN 68861 part 1B (tested on beech wood | resistant |

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| Suppliers | (1) Covestro (www.covestro.com) |
| | (2) Borchers Americas (www.borchers.com) |
| | (3) Eastman Chemical (www.eastman.com) |
| | (4) Allnex (www.allnex.com) |

811 Sharon Drive / Westlake, OH 44145 / Telephone: +1 800-321-9696 / 440-899-2950 / Fax: +1 440-808-7114 / Internet: www.borchers.com / E-Mail: info.us@borchers.com

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