



TECHNICAL DATA SHEET

Setalux D A 450 BA/X

An acrylic polyol [17-4451]

General description:

Setalux D A 450 BA/X is a hydroxyl-functional acrylic polyol that is used in the formulation of very fast-drying two component polyurethane coating systems. When Setalux D A 450 BA/X is used with aliphatic/aromatic polyisocyanates based on toluene diisocyanate and hexamethylene diisocyanate, two-component filler coats and topcoats for wood are possible that can be sanded very early and stacked after a short time.

Technical features:

1. Excellent fast drying properties
2. Early sanding and stacking

Suggested uses:

1. 2K furniture finishes
2. 2K primer surfaces and fast-drying automotive and industrial coatings

Delivery form: 50% non-volatile in n-butyl acetate and xylene (1:1)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	50.0 ± 2.0	%	DIN EN ISO 3251
Viscosity (23°C)	4500 ± 1000	mPa s	DIN EN ISO 3219/A
Acid value (as such)	4 ± 2	mg KOH/g	DIN EN ISO 2114
Color	50 maximum	Hazen	DIN EN 1557
Hydroxyl content, as supplied	0.8 to 1.2	%	DIN 53 240

* SDM: Nuplex Resins methods of determination (available on request)

Density, at 20°C:	8.42 lbs./gal	HEW, as supplied:	1700
Flash point:	23°C		
Non-volatiles, by vol.:	42.3%		
Water content:	≤0.1%		

On DSL Inventory

Stability: when stored in originally sealed containers at temperatures not exceeding 90°F, the product will remain stable for 12 months.

Updated: February, 2014

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from www.nuplexresins.com. All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.