



## TECHNICAL DATA SHEET

### Setalux D A HS 1170 BA

An acrylic polyol [17-4170]

#### General description:

Setalux D A HS 1170 BA is a hydroxyl-functional acrylic polyol that is a co-reactant aliphatic diisocyanates in the formation of high-solids, air- and force-drying two-component polyurethane coatings with good gloss retention, lightfastness, and resistance to chalking. The cured films are hard, but flexible, high-gloss, high-bodied and have good resistance to solvents and gasoline.

#### Technical features:

1. Excellent drying properties
2. Good outdoor durability and gloss retention
3. Good flexibility and chemical resistance properties

#### Suggested uses:

2K polyurethane coatings for vehicle refinish paints and industrial coatings with a VOC  $\leq$ 400 g/l

**Delivery form:** 70% non-volatile in n-butyl acetate

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 $\pm$ 2.0	%	DIN EN ISO 3251
Viscosity (23°C)	1200 $\pm$ 200	mPa s	DIN EN ISO 3219/A
Acid value (as such)	7 $\pm$ 1	mg KOH/g	DIN EN ISO 2114
Color	75 maximum	Hazen	DIN EN 1557
Hydroxyl content, as supplied	2.4 to 2.7	%	DIN 53 240

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

Density, at 20°C:	8.75 lbs./gal	HEW, as supplied:	607 g/mol
Flash point:	27°C		
Non-volatiles, by vol.:	64.3%		
Water content:	<0.1%		

*On DSL Inventory*

**Stability:** when stored in originally sealed containers at temperatures not exceeding 30°C, 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](http://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.