



TECHNICAL DATA SHEET

Setalux D A HS 1272 BA

An acrylic polyol [27-4272]

General description:

Setalux D A HS 1272 BA is a hydroxyl-functional acrylic polyol that is used in the formulation of air- and force-drying two component polyurethane coating systems with a VOC value of ≤ 420 g/L. When Setalux D A 450 BA is used with aliphatic polyisocyanates based on hexamethylene diisocyanate, the coatings films have good gloss retention, lightfastness and chalking resistance, in addition to good resistance to solvents and gasoline.

Technical features:

1. Good exterior durability and chemical resistance
2. Coatings with VOC value of ≤ 420 g/L possible
3. Hard, tough, but flexible coatings with high gloss and good filling power

Suggested uses:

1. 2K air and force-drying automotive refinish and industrial coatings

Delivery form: 72% non-volatile in n-butyl acetate

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	72.0 \pm 1.0	%	DIN EN ISO 3251
Viscosity (23°C)	2750 \pm 250	mPa s	DIN EN ISO 3219/A
Acid value (as such)	9.0 \pm 1	mg KOH/g	DIN EN ISO 2114
Color	60 maximum	Hazen	DIN EN 1557
Hydroxyl content, as supplied	3.2 to 3.6	%	DIN 53 240

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

Density, at 20°C:	8.92 lbs./gal	HEW, as supplied:	500
Flash point:	24°C		
Non-volatiles, by vol.:	66.0%		
Water content:	$\leq 0.1\%$		

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: April, 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.