



TECHNICAL DATA SHEET

Setalux D A 163 X An acrylic polyol [17-4163]

General description:

Setalux D A 163 X is a hydroxyl-functional acrylic polyol that is used in combination with aliphatic polyisocyanates based on hexamethylene diisocyanate, to formulate air- and force-drying topcoats. The coatings have good weather stability and resistance to water, washing solutions and chemicals. Coatings based on Setalux D A 163 X are stable to approximately 300 °F, when yellowing may occur.

Technical features:

1. Good weather and thermal stability, below 300°F
2. Good chemical resistance and washing solutions
3. Application by brushing, rolling and airless spraying

Suggested uses:

1. 2K anti-corrosion coatings and topcoats for steel in civil and hydraulic engineering applications

Delivery form: 63% non-volatile in xylene

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	63 ± 1.0	%	DIN EN ISO 3251
Viscosity (23°C)	4400 ± 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	1.35 to 1.95	%	DIN 53 240

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

Density, at 20°C:	8.17 lbs./gal	HEW, on solids:	555
Flash point:	25°C		
Non-volatiles, by vol.:	58.2%		
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.