



## TECHNICAL DATA SHEET

### Setalux 17-1609

An acrylic polyol

#### General description:

Setalux 17-1609 is a hydroxy functional acrylic resin designed for use with aliphatic isocyanate resins in two-component systems. These systems produce ambient curing high performance coatings. Laboratory testing indicates excellent resistance to salt spray, water soak and humidity. Based on accelerated weathering tests, exterior durability is excellent.

#### Technical features:

1. Excellent drying properties with slower evaporating solvent
2. Excellent application properties
3. Good outdoor durability
4. Good flexibility and chemical resistance properties

#### Suggested uses:

1. Industrial high performance coatings for wood, metal or plastics
2. Industrial topcoats for transportation, chemical maintenance or construction equipment
3. Industrial topcoats and spot repair clearcoats for Car Refinishes
4. Fast drying industrial primers and topcoats

**Delivery form:** 60.0 % non-volatile in PM acetate / toluene (65 / 35 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	60.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Y – Z1	Gardner – Holdt	2 – 1
Color	70 maximum	APHA	3 – 2
Acid value (on n.v.)	10 ± 2	mg KOH/g	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Reduced viscosity:	I – L @ 50% in toluene	HEW on n.v.:	600
Density:	8.70 ± 0.10 lbs./gal.	Non-volatiles, by vol.:	55.1%
Flash point:	45 °F Setaflash		

*On DSL Inventory*

**Updated:** January, 2007

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.