



## TECHNICAL DATA SHEET

PRELIMINARY

### Setalux 27-2677

A hydroxyl-functional acrylic resin solution

#### General description:

Setalux 27-2677 is a novel high solids acrylic polymer for use in combination with aliphatic polyisocyanates. Setalux 27-2677 is a low Tg resin that can be formulated as a diluent in lower VOC vehicle refinish and industrial topcoats, or as a pigment grinding resin.

#### Technical features:

1. Lower VOC (<3.5 lbs/gal) vehicle refinish and industrial coatings formulations
2. Excellent pigment wetting properties which allows for reduced pigment grind time and mill – base viscosity
3. HAPs free

#### Suggested uses:

1. Pigment grinding resin for vehicle refinish and industrial applications
2. Blending resin to lower VOC's

**Delivery form:** 90% non-volatile in n-butyl propionate / n-butyl acetate (75/ 25 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	90.0 ± 1.0	%	1 – 1
Viscosity (77 °F)	200 – 500	poise	2 – 2
Viscosity (77 °F)	Z6 – Z8	Gardner-Holdt	2 – 1
Color	100 maximum	APHA	3 – 3
Acid value, on n.v.	3 – 5	mgKOH/g	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 9.29 ± 0.10 lbs./gal                      HEW: 320  
Flash point: 84°F Setaflash  
Non-volatile, by vol: 87.5 %

*Not on DSL Inventory*

**Updated:** August, 2010

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.