



TECHNICAL DATA SHEET

Setalux 27-1597

An acrylic polyol

General description:

Setalux 27-1597 is an acrylic polyol for use in combination with aliphatic polyisocyanates. When properly formulated, this resin will offer ease of application, very good film properties and superior outdoor exposure performance.

Technical features:

1. Very good application properties and DOI
2. Excellent exterior durability and gloss retention
3. Excellent resistance properties
4. Low VOC clearcoats at < 3.5

Suggested uses:

1. Varnishes and clearcoats for wet-on-wet systems
2. Topcoats for general industrial metal substrates
3. High gloss one coat metallic finishes for Car Refinish and Industrial applications

Delivery form: 80% non-volatile in methyl n-amyl ketone

Typical properties:

Property	Value	Units	Method *
Non volatile , by weight	80 ± 1.5	%	1 – 1
Acid value, on n.v.	8 maximum	mg KOH/g	5 – 1
Viscosity (77°F)	Z4 – Z6	Gardner – Holdt	2 – 1
Color	3 maximum	Gardner	3 – 1
Appearance	clear, free from extraneous matter		7 – 1

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

Density: 8.75 lbs./gal
Reduced viscosity: U – X at 70% n.v. in MAK
Flash point: 102°F Setaflash
Non-volatile, by vol.: 74.3%

HEW on n.v. : 400

On DSL Inventory

Updated: February, 2009

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.