



TECHNICAL DATA SHEET

Setalux 27-1435

An epoxy functional acrylic resin

General description:

Setalux 27-1435 is used in combination with amine functional acrylic resins (Setalux 17-1453 and /or Setalux 17-1454) for making the non-isocyanate "AA" topcoat system. This "AA" system provides fast dry, high gloss, good outdoor durability, improved flexibility and good mechanical properties.

Technical features:

1. Fast air dry and force dry (~180°F surface temperature) systems
2. Excellent potlife; paint from prior day may used
3. Excellent outdoor durability
4. Low VOC enamels at < 3.5 lb without using VOC exempt solvents
5. Low toxicity properties

Suggested uses:

1. Non-isocyanate Industrial paints and repair systems
2. Non-isocyanate finishes for plastics

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

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	80.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z3 – Z5	Gardner - Holdt	2 – 1
Acid value (on n.v.)	1 maximum	mg KOH/g	5 – 1
Color	200 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Reduced viscosity: P – T @ 70% n.v. in MAK Epoxy equivalent wt.: 600.0 on n.v.
Density: 8.60 ± 0.10 lbs./gal.
Flash point: 102°F Setaflash
Non-volatile, by vol.: 74.8%

On DSL Inventory

Updated: February, 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. 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.