



TECHNICAL DATA SHEET

Setalux 57-2500

A hydroxyl-functional acrylic polyol

General description:

Setalux 57-2500 is an extremely fast cure, VOC-free, hydroxy-functional acrylic polyol for two component vehicle refinish applications. Paint develops hardness and chemical resistance very fast and is ready to buff in 15 - 30 minutes. This acrylic polyol is designed for fast curing clearcoat or single-stage paint applications. In addition, it contributes excellent application properties, excellent gloss and DOI and very good durability.

Technical features:

1. Fast cure, long pot-life
2. Excellent early hardness development; dust-free in <10 min
3. Very good crosslinking development (MEK rubs) and exterior durability
4. Excellent clarity, gloss and distinctness of image (DOI)
5. Low VOC coatings possible; <3.0 lbs/gal

Suggested uses:

1. 2.1, 3.5, and 4.0 lb/gal VOC Clearcoats for vehicle refinish
2. Monocoats for vehicle refinish and transportation
3. Modifier resin for two component basecoats and monocoats

Delivery form: 60% non-volatile in PCBTF/ acetone (67/ 33 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	60.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z – Z2	Gardner – Holdt	2 – 1
Color	30 maximum	APHA	3 – 2
Acid value (on n.v.)	14 to 18	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: B - F at 50% n.v. in acetone HEW on n.v. : 400
Density: 9.30 ± 0.10 lbs./gal
Flash point: -2°F Setaflash
Non-volatiles, by vol.: 59.1% *Not on DSL Inventory*

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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.