



TECHNICAL DATA SHEET

SETALUX 10-2303

A co-reactant accelerator resin

General description:

Setalux 10-2303 is a co-reactant accelerator for Nuplex's non-isocyanate, "AA" topcoat systems. These systems, based on Setalux 27-1435 (epoxy-acrylates) and the Setalux 17-1453 (amine-acrylate), are the latest generation of non-isocyanate two-component topcoat systems from Nuplex Resins. The use of the accelerator improves early hardness and solvent resistance properties compared to the standard AA topcoat system. It is effective in both air dry and force-dry applications where the coating is cured at 150-180°F.

Technical features:

1. Improves hot-hardness and accelerates hardness development
2. Improves early solvent resistance
3. Effective at low dosage levels
4. Isocyanate-free with low HAPS content

Suggested uses:

1. Industrial topcoats for agricultural, construction, transportation and heavy equipment.
2. Topcoats for marine applications above the waterline

Delivery form: 70% non-volatile in methyl n-amyl ketone

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 ± 1.0	%	1 – 1
Viscosity (77°F)	H – K	Gardner - Holdt	2 – 1
Acid value, on n.v.	145 – 150	mg KOH/g	5 – 1
Color	4 maximum	Gardner	3 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 8.30 ± 0.10 lbs./gal Equivalent weight on n.v.: 380
Flash point: 102°F Setaflash
Non-volatile, by vol.: 64.5% *Not on DSL Inventory*

Updated: July, 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.