TECHNICAL DATA SHEET

Setalux 57-1746

An acrylic polyol

General description:

Setalux 57-1746 is a HAPs-free/ VOC free acrylic polyol designed for use with aliphatic poly-isocyanates in 2 component coatings systems to produce a hard durable coating with very good chemical and abrasion resistance. Setalux 57-1746 also possesses excellent gloss, color retention and durability.

The addition of a tin catalyst (0.01 – 0.05% based on resin solids) will improve the film properties. Lower catalyst levels promote better chemical resistance and extended pot life. Higher catalyst concentrations provide very rapid cure times.

Technical features:

1. Very good chemical and abrasion resistance
2. Excellent gloss and color retention
3. Good outdoor durability
4. 2.1 VOC primers and topcoats

Suggested uses:

1. Fast drying basecoats and primers for Car Refinishes
2. Fast drying Industrial primers and topcoats

Delivery form: 55% non-volatile in PCBTF/ methyl acetate (90/ 10 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	55.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z3 – Z5	Gardner – Holdt	2 – 1
Acid value (on n.v.)	2 maximum	mg KOH/g	5 – 1
Color	150 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density:	9.95 ± 0.10 lbs./gal	HEW on n.v.:	800
Flash point:	117°F Setaflash		
Non-volatiles, by vol.:	58.2%		

On DSL Inventory

Updated: June, 2013

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.

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