



TECHNICAL DATA SHEET

PRELIMINARY

Setal 41-1459

A water reducible chainstopped alkyd

General description:

This resin is recommended for industrial finishes cured by bake, air-dry or force-dry. Setal 41-1459 exhibits the desirable properties of very fast dry, good corrosion resistance and low application viscosity. Setal 41-1459 has better stability and maintains drying characteristics on aging than Setal 41-1390.

Technical features:

1. Excellent drying and application properties
2. Superior corrosion resistance
3. Improved stability and performance on aging
4. Good flexibility and chemical resistance properties

Suggested uses:

1. General industrial undercoats, primers and enamels possessing superior durability
2. Fast drying waterborne industrial primers and topcoats

Delivery form: 70% non-volatile in EGMBE and sec-butanol (1:1)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z4 to Z6	Gardner-Holdt	2 – 1
Acid value (on n.v.)	40 ± 2.0	mg KOH/g	5 – 1
Color	8 maximum	Gardner	3 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

* SDM: Nuplex Resins methods of determination (available on request)
EGMBE – ethylene glycol monobutylether (such as: butyl cellosolve)

Reduced viscosity: W – Y @ 60% in EGMBE
Density: 8.70 ± 0.10 lbs./gal
Flash point: 75°F Setaflash
Non-volatile, by vol: 63.2%

Not on the 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.