



TECHNICAL DATA SHEET

Setal 11-1393

A very fast drying chain-stopped tall oil alkyd resin

General description:

Setal 11-1393 is a chain-stopped tall oil alkyd resin for use in the manufacture of general industrial air dry, force dry or bake enamels for metal and conversion coatings for wood furniture and bath or kitchen cabinets. Crosslinking Setal 11-1393 with aminoplast resins gives good durability and resistance to solvents and moisture.

Technical features:

1. The ultimate in set and cure speed in conversion varnishes and sealers
2. Fast dry and very good coverage when used in air dry or force dry (160 - 180°F surface temperature) enamels
3. Good gloss, color and color retention with aminoplast crosslinkers

Suggested uses:

1. The fastest set and cure alkyd for use in conversion varnishes or sealers
2. Good vehicle for formulation of general industrial metal enamels both air dry and bake
3. Recommended vehicle for fast dry high build primers and surfacers

Delivery form: 50% non-volatile in toluene / xylene
Ratio: 85 / 15 pbw

Typical properties:

| Property | Value | Units | Method * |
|--------------------------|--|---------------|----------|
| Non-volatiles, by weight | 50.0 ± 1.0 | % | 1 - 1 |
| Viscosity (77°F) | W - Y | Gardner-Holdt | 2 - 1 |
| Acid value on solids | 10 maximum | mg KOH/gm | 5 - 1 |
| Color | 5 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 ± 0.05 lbs./gal HEW on n.v. = 400
Flash point: 56°F Setaf flash
Reduced viscosity: O - T @ 45% n.v. in toluene
Non-volatiles, by vol.: 42.6%

On DSL Inventory

Updated: January, 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.