



TECHNICAL DATA SHEET

Setal 21-1491

High solids short chain-stopped alkyd resin

General description:

Setal 21-1491 is a premium high solids chain-stopped alkyd for use in the manufacture of coatings that must comply with VOC levels of 3.5 lbs / gallon or lower. Coatings based upon this resin are characterized by high specular gloss, very fast dry, good color retention, and excellent exterior durability. Setal 21-1491 reduces rapidly with aromatic solvents to provide low VOC paint requirements. HAPs free versions of this product are Setal 21-1495 and Setal 21-1497.

Technical features:

1. Formulates to 3.5 lbs / gallon without the use of exempt solvents
2. Very fast dry with excellent gloss development
3. Excellent exterior durability and color retention
4. Blends well with high solids medium oil alkyds

Suggested uses:

1. Industrial air-dry, force-dry (~180°F surface temperature) and bake enamels for metal
2. Automotive refinish and rail car enamels
3. High solids maintenance and marine finishes

Delivery form: 75% non-volatile in MIBK/ MPK/ xylene (50 / 44 / 6 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	75.0 ± 1.5	%	1 – 1
Viscosity (77°F)	Z1 – Z3	Gardner-Holdt	2 – 1
Color	8 maximum	Gardner	3 – 1
Acid value, on n. v.	12 maximum	mg KOH/g	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Reduced viscosity: J – M @ 60% in xylene
Density: 8.70 ± 0.10 lbs./gal
Flash point: 46°F TCC
Non-volatiles, by vol.: 67.7%

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.