



TECHNICAL DATA SHEET

Setal 21-1494

High solids medium soybean oil chain-stopped alkyd

General description:

Setal 21-1494 is a high solids chain-stopped soybean oil alkyd for use in the manufacture of coatings that must comply with VOC levels 3.5 lbs / gal. and lower. Coatings based upon this resin are characterized by fast cure response, high specular gloss, chemical resistance and good color retention. Setal 21-1494 reduces rapidly with aromatic or oxygenated solvents to provide low VOC paint requirements. This resin is compatible with other film formers such as thermoplastic acrylics, solution vinyl resins, selected alkyds such as Setal 21-1482 and high solids urea and melamine formaldehyde resins.

Technical features:

1. Will meet VOC requirements of 3.5 # and below
2. Low viscosity, low VOC with good hardness and adhesion
3. Good compatibility with other modifiers
4. Good gloss development, good color retention

Suggested uses:

1. Industrial air-dry, force-dry and bake enamels for metal
2. Automotive and rail car refinish enamels
3. High solids maintenance coatings, coatings for agricultural equipment

Delivery form: 75% n.v. in toluene / methyl n-propyl ketone (50 / 50 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	75 ± 1.5	%	1 – 1
Viscosity (77°F)	Z2 – Z4	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 methods of determination (available on request)

Density:	8.80 lbs./gal	HEW on n.v.:	1100
Reduced viscosity:	M – P @ 60% in xylene	Flash point:	44°F TCC
Non-volatiles, by vol.:	68.5%		

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.