



TECHNICAL DATA SHEET

Setal 11-1490

A chain-stopped soybean oil alkyd resin

General description:

Setal 11-1490 is a chain-stopped soybean oil alkyd resin for use in the manufacture of general industrial air dry or force dry (160 - 180°F surface temperature) enamels and vinyl conversion sealers for wood furniture and cabinetry. Crosslinking Setal 11-1490 with aminoplast resins gives good durability and resistance to solvents and moisture.

Technical features:

1. Positive dry, very good gloss and superior flow when used in enamels
2. Good gloss, color and color retention with aminoplast crosslinkers
3. Moisture resistance and durability in conversion sealers

Suggested uses:

1. Excellent vehicle for formulation of general industrial metal enamels both air dry and bake
2. Recommended vehicle for air dry / force dry high build primers and surfacers
3. Plasticizing alkyd for use in vinyl conversion sealers

Delivery form: 50% non-volatile in xylene

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	50.0 ± 1.5	%	1 – 1
Viscosity (77°F)	O – R	Gardner-Holdt	2 – 1
Color	8 maximum	Gardner	3 – 1
Acid value on solids	10 maximum	mg KOH/gm	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 8.30 ± 0.10 lbs./gal HEW on n.v. = 1100
Flash point: 81°F Setaflash
Reduced viscosity: F – I @ 45% n.v. in xylene
Non-volatiles, by vol.: 42.7% *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.