



TECHNICAL DATA SHEET

Setal 11-1492

A fast drying chain-stopped soybean oil alkyd resin

General description:

Setal 11-1492 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. Setal 11-1492 is a quick-curing resin similar to Setal 11-1390, but has lower initial viscosity and higher tolerance for aliphatic solvents.

Technical features:

1. Positive dry with good film hardness
2. Good color and color retention, gloss retention in exterior paints
3. Good solvent tolerance and good compatibility

Suggested uses:

1. Excellent vehicle for formulation of industrial metal enamels force dry, air dry and bake
2. Modifier for short bake alkyds to speed up cure, maintain cost
3. Modify with flexibilizer Setal 11-2457 to resist chipping and fracture

Delivery form: 50% non-volatile in xylene

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	50.0 ± 1.0	%	1 – 1
Viscosity (77°F)	U – W	Gardner-Holdt	2 – 1
Color	6 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: 8.20 ± 0.10 lbs./gal HEW on n.v. = 570
Flash point: 80°F Setaflash
Reduced viscosity: B – E @ 40% n.v. in xylene
Non-volatiles, by vol.: 43.4%

On DSL Inventory

Updated: January, 2014

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.