



TECHNICAL DATA SHEET

PRELIMINARY

Setal® 11-2418 medium soybean oil alkyd (formerly: RL-4990-17)

General description:

Setal 11-2418 is a medium soybean oil alkyd for use in high drink air dry, force dry (160 - 180°F surface temperature) or bake finishes. Setal 11-2418 allows the introduction of even larger quantities of reducing solvent than Setal 11 2408 for even better economics. Additional chemical resistance and enhanced performance may be obtained by crosslinking with melamine resin.

Technical features:

1. Cured films have good toughness
2. Resin provides good exterior durability and gloss retention
3. Good gloss and hiding at lower vehicle solids

Suggested uses:

1. Industrial air-dry, force-dry (160 - 180°F surface temperature) and bake primers and enamels for metal
2. Machinery, implement enamels
3. Industrial maintenance coatings and marine finishes

Delivery form: 50% n.v. in mineral spirits NE / EEP/ xylene/ toluene/ butoxyethanol
(87/ 5/ 3/ 3/ 2 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	50.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z2 – Z5	Gardner-Holdt	2 – 1
Color	8 maximum	Gardner	3 – 1
Acid value, on n.v.	10 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)

Reduced viscosity: Q – T (at 35% n.v. in Mineral Spirits)

Density: 7.75 ± 0.10 lbs./gal

Flash point: 105°F Setaflash

Non-volatiles, by vol.: 42.7%

On DSL Inventory

Updated: January, 2013

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.