



## TECHNICAL DATA SHEET

### Setal 11-1112

Short oil non-oxidizing alkyd resin

#### General description:

Setal 11-1112 is a short oil coconut alkyd designed for use in non-lifting cellulose nitrate lacquers, conversion varnishes and baking enamels. Setal 11-1111 is the same resin supplied in technical xylene.

#### Technical features:

1. Pale color suitable for clear lacquers, conversion varnishes and pastel bake enamels
2. Good lacquer hardness development for optimum print resistance
3. Contributes to good flow and film clarity

#### Suggested uses:

1. Excellent choice for lacquers, enamels and acid cure varnishes
2. Use where initial color and color retention are of prime importance
3. Use in lacquers or conversion varnishes requiring fast set times

**Delivery form:** 60% non-volatile in toluene / xylene  
Ratio of solvents: 85 / 15 pbw

#### Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	60.0 ± 1.0	%	1 – 1
Viscosity	W – Y	Gardner-Holdt	2 – 1
Color	3 maximum	Gardner	3 – 1
Acid value, on solids	10 maximum	mg KOH/g	5 – 1
Appearance	clean, clear and free from extraneous matter		

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

Density: 8.58 ± 0.05 lbs./gal HEW on n.v.= 430  
Reduced viscosity: G – J @ 50%n.v. in toluene  
Flash Point: 56°F Setafash  
Non-volatile, by vol.: 52.8%

*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](http://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.