



## TECHNICAL DATA SHEET

### Setal 21-1323

A low HAPs, high solids short tall oil alkyd resin

#### General description:

Setal 21-1323 is a pure short tall oil alkyd resin for use in the manufacture of cellulose nitrate lacquers, sealers and basecoats. Setal 21-1323 may also be selected for use in conversion varnishes and sealers for institutional furniture and kitchen cabinet finishes. This resin is supplied at 75% non-volatile in a low HAPs containing solvent blend.

#### Technical features:

1. Very fast dry alkyd for use in lacquers and conversion varnishes
2. Fast set and cure speed in conversion varnishes and sealers
3. High solids, low Hazardous Air Pollutant containing solvent
4. Contributes to good intercoat adhesion

#### Suggested uses:

1. Plasticizing alkyd for use in lacquers and conversion varnishes
2. Excellent vehicle for formulation of lacquer type basecoats
3. Very versatile resin for broad spectrum use in general industrial wood coatings

**Delivery form:** 75% non-volatile in n-butyl acetate / MAK/ MPK (75 / 19/ 6 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	75.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z3 - Z5	Gardner-Holdt	2 – 1
Acid value on n.v.	8 maximum	mg KOH/gm	5 – 1
Color	6 maximum	Gardner	3 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density:	9.08 ± 0.10 lbs./gal	HEW on n.v.:	340
Flash point:	90°F Setaflash		
Reduced viscosity:	T - W @ 65% n.v. in n-butyl acetate		
Non-volatiles, by vol.:	68.4%		<i>On DSL Inventory</i>

**Updated:** January, 2007

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