



## TECHNICAL DATA SHEET

### Setal 21-2113

High solids medium oil non-oxidizing alkyd

#### General description:

Setal 21-2113 is a high solids non-oxidizing medium oil coconut alkyd resin formulated for use in the manufacture of cellulose nitrate lacquers and conversion coatings. This resin is also very suitable for low VOC baking systems with good color retention.

#### Technical features:

1. High solids/low viscosity allows lower VOC/higher n.v. coatings
2. Higher build coatings
3. Compatibility with various ureas and melamines

#### Suggested uses:

1. Formulation of clear lacquers, lacquer enamels
2. May be used to formulate various catalyzed lacquers
3. Bake systems with good color retention

**Delivery form:** 90% non-volatile in PM acetate / xylene (60 / 40 pbw)

#### Typical properties:

| Property                | Value  | Units         | Method * |
|-------------------------|--|---------------|----------|
| Non-volatile, by weight | 90 ± 1.0                                     | %             | 1 – 1    |
| Viscosity (77°F)        | Z6 – Z8                                      | Gardner-Holdt | 2 – 1    |
| Color                   | 4 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)

Density: 9.23 ± 0.08 lbs./gal HEW on n.v. = 370  
Flash point: 80°F Setaf flash  
Reduced viscosity: V+ – X+ @ 75% in PM acetate  
Non-volatiles, by vol.: 88.0%

*Not on DSL Inventory*

**Updated:** January, 2007

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