



TECHNICAL DATA SHEET

Setal 41-1322

A water reducible alkyd

General description:

This resin is recommended for industrial finishes cured by bake, air-dry or force-dry. Setal 41-1322 exhibits the desirable properties of positive dry, good corrosion resistance and good mechanical properties. This resin is reduced in a "low HAPs" type solvent blend.

Technical features:

1. Positive drying properties
2. Excellent mechanical properties
3. Good corrosion resistance
4. Good flexibility and chemical resistance properties

Suggested uses:

1. General industrial undercoats, primers and enamels possessing good durability
2. Fast drying waterborne industrial primers and topcoats

Delivery form: 65% non-volatile in sec-butanol / propoxy propanol / dipropylene glycol –
monomethyl ether Ratio of solvents 42.5 / 42.5 / 15 pbw

Typical properties:

| Property | Value | Units | Method * |
|-------------------------|--|---------------|----------|
| Non-volatile, by weight | 65.0 ± 1.0 | % | 1 – 1 |
| Viscosity (77°F) | Z2 – Z4 | Gardner-Holdt | 2 – 1 |
| Color | 5 maximum | Gardner | 3 – 1 |
| Acid value (on n.v.) | 40 – 47 | 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: U+ to W+ @ 55% in sec-butanol OH# on n.v. = 85
Density: 8.50 ± 0.10 lbs./gal
Flash point: 74°F Setaflash
Non-volatile, by vol.: 58.4%

On the DSL Inventory

Updated: February, 2007

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