



TECHNICAL DATA SHEET

Setal 22-1343

High solids phenolic modified alkyd

General description:

Setal 22-1343 is a high solids phenolic modified alkyd for use in the manufacture of corrosion resistant coatings that must comply with VOC levels as low as 3.0 lbs /gal. This resin is a high solids analog of the Setal 12-1646 type conventional solids resin.

Technical features:

1. Will meet VOC requirements of 3.5 # and below
2. Low VOC with good hardness and adhesion via air-dry or force-dry cures
3. Superior corrosion resistance

Suggested uses:

1. Industrial primers and specification paints
2. High solids lift-resistant primers

Delivery form: 75% n.v. in n-butyl acetate / methyl n-propyl ketone / xylene / MIBK
Ratio of solvents: 45.5 / 43 / 9 / 2.5 pbw

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	75 ± 2.0	%	1 – 1
Viscosity (77°F)	Y – Z1	Gardner-Holdt	2 – 1
Color	13 maximum	Gardner	3 – 1
Acid value, on n.v.	15 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: 8.75 ± 0.10 lbs./gal HEW on n.v.: 570
Flash point: 45°F Setaflash
Reduced viscosity: G – I @ 60% in xylene
Non-volatile, by vol.: 69.0% *Not on DSL Inventory*

Updated: February, 2007

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