



TECHNICAL DATA SHEET

Setal 11-1392

A fast drying low HAPs chain-stopped tall oil alkyd resin

General description:

Setal 11-1392 is a chain-stopped resin for use in manufacturing higher solids low HAPs general industrial air dry or bake enamels and refinish enamels for autos or trucks. Crosslinking Setal 11-1392 with aminoplast or isocyanate resins gives good durability and resistance to solvents and moisture.

Technical features:

1. Fast set and cure speed in enamels or conversion varnishes
2. Fast dry and very good coverage when used in force dry enamels (160 - 180°F surface temperature)
3. Good gloss, color and color retention with aminoplast or isocyanate crosslinkers

Suggested uses:

1. Vehicle for enamels with good color, color retention and good gloss properties
2. Good vehicle for formulation of general industrial metal enamels both air dry and bake
3. Combine with isocyanates for auto or truck refinish enamels

Delivery form: 65% non-volatile in methyl propyl ketone / methyl iso-butyl ketone
Ratio: 94.5 / 5.5 pbw

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	65.0 ± 1.0	%	1 – 1
Viscosity (77°F)	W – Z	Gardner-Holdt	2 – 1
Color	6 maximum	Gardner	3 – 1
Acid value on solids	12 maximum	mg KOH/gm	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density:	8.50 ± 0.10 lbs./gal	HEW on n.v.:	660
Flash point:	46°F Setaflash		
Reduced viscosity:	H – K @ 55% n.v. in MPK		
Non-volatiles, by vol.:	55.5%		<i>On DSL Inventory</i>

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