



TECHNICAL DATA SHEET

Setal 11-1345

A general purpose exempt short tall oil alkyd resin

General description:

Setal 11-1345 is a short tall oil alkyd resin used in the manufacture of general industrial bake or force dry finishes for metal or wood substrate. Setal 11-1345 may be crosslinked with Setamine 19-1001 or Setamine 19-3075 for superior film properties.

Technical features:

1. Fast set and cure speed for use in force dry (160 - 180°F surface temperature) or bake coatings for wood or metal
2. Low reduced viscosity and Rule 66 exempt solvent system
3. Good gloss, color and overbake properties sufficient for most uses

Suggested uses:

1. Excellent vehicle for formulation of general industrial metal enamels
2. Use for coatings on metal toys, drums, light fixtures, shelving and cabinets.
3. May also be utilized in catalyzed finishes for hardboard and kitchen or bath cabinetry.

Delivery form: 60% non-volatile in VM&P / iso-butanol / toluene / xylene
Ratio: 45.5 / 39.5 / 10.0 / 5.0 pbw

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	60.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z1 – Z3	Gardner-Holdt	2 – 1
Color	6 maximum	Gardner	3 – 1
Acid value on solids	5 – 10	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:	8.12 ± 0.05 lbs./gal	HEW on solids:	400
Flash point:	55°F Setaflash		
Reduced viscosity:	K – P @ 50% n.v. in xylene		
Non-volatiles, by vol.:	49.9%		<i>On DSL Inventory</i>

Updated: January, 2007

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