



TECHNICAL DATA SHEET

Setal 11-2457

Pure medium soybean oil alkyd resin

General description:

Setal 11-2457 is a pure medium soybean oil alkyd designed for use in high drink air dry, force dry (160-180°F surface temperature) or bake finishes. Setal 11-2457 allows the introduction of large amounts of reducing solvent for better economics. Additional chemical resistance and enhanced performance may be obtained by crosslinking with melamine resin.

Technical features:

1. Cured films have good toughness and flexibility
2. Resin provides exterior durability and gloss retention
3. Provides good flow and leveling in trade sales

Suggested uses:

1. Machinery, implement enamels
2. Industrial maintenance and shop coats
3. Floor finishes

Delivery form: 50% non-volatile in mineral spirits / xylene (98.5/ 1.5 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	50.0 ± 1.0	%	1 – 1
Viscosity	Z1 – Z3	Gardner-Holdt	2 – 1
Color	4 maximum	Gardner	3 – 1
Acid value, on solids	9 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: 7.55 ± 0.10 lbs./gal HEW on n.v. = 840
Reduced viscosity: H – K @ 40%n.v. in min. spirits
Flash point: 103°F TCC
Non-volatiles, by vol.: 41.4% *On DSL Inventory*

Updated: January, 2007

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