



TECHNICAL DATA SHEET

Setyrene 13-2412 Vinyl toluene modified soya alkyd

General description:

Setyrene 13-2412 is a copolymer of a soya alkyd modified with vinyl toluene for fast air dry speed and aliphatic solvent tolerance. The solvent system in this resin is exempt under Rule 66.

Technical features:

1. Dries somewhat slower than Setyrene 13-2411 but possesses flexibility and toughness
2. Excellent aliphatic solvent tolerance
3. May be modified with urea crosslinkers to produce fast cure or low temperature bake enamels

Suggested Uses:

1. Aerosol paints
2. Recommended for finishes that may be cured by air dry or force dry
3. Lawn and garden tools, hardware, wrought iron, toys and metal furniture

Delivery form: 50% non-volatile in VM&P naphtha / xylene (96/ 4 pbw)

Typical properties:

| Property | Value | Units | Method * |
|-------------------------|---|---------------|----------|
| Non volatile, by weight | 50.0 ± 1.0 | % | 1 – 1 |
| Viscosity (77°F) | Z1 – Z3 | Gardner-Holdt | 2 – 1 |
| Color | 5 maximum | Gardner | 3 – 1 |
| Acid value, on n.v. | 14 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: 7.45 ± 0.10 lbs./gal
Reduced viscosity: R – U @ 40% in VM&P naphtha
Flash point: 60 °F Setaflash
Non-volatiles, by vol.: 40.6%

Not on DSL Inventory

Updated: January, 2007

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