

SYNOLAC® 8036 BA 75

INDUSTRIAL WOOD

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 8036 BA 75 is a short oil alkyd resin modified with vegetable fatty acids. SYNOLAC® 8036 BA 75 is a general purpose resin designed for the formulation of fast drying nitrocellulose lacquers, acid curing systems with long pot life and stoving paints.

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	73 - 77
Viscosity at 20°C, dPa.s (ISO 3219)	40 - 60
Colour, Gardner scale (ISO 4630)	6 max
Acid value, mg KOH/g (ISO 2114)	20 max

Other Characteristics¹

Volatile	Butyl acetate
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	1.11
Fatty Acid content, %	40
Hydroxyl Content, %	3.5

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

¹ The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

Formulation Guidelines

RECOMMENDATIONS FOR USE

SYNOLAC® 8036 BA 75 has lower solvent retention and better filling power than most of the similar resins in the market. A sealer formulated with SYNOLAC® 8036 BA 75 can be sanded 15 minutes after the application.

It can also be used for the formulation of clear and pigmented fast hardening 2 pack acid curing lacquers. The recommended ratio alkyd/amino is 60 : 40, using p-toluenesulphonic acid as catalyst.

Another application are pre-cat lacquers formulated with alkyds, amino resins and nitrocellulose, catalyzed with monobutylphosphoric acid. They have a pot life higher than 6 months and very good cold-check resistance.

SOLUBILITY

SYNOLAC® 8036 BA 75 is completely soluble in aromatic hydrocarbons, esters, ketones and glycol ethers. It is partially soluble in alcohols.

COMPATIBILITY

SYNOLAC® 8036 BA 75 is compatible with most of the short oil alkyds, nitrocellulose, rosin-maleic resins, amino resins and aromatic and ketonic resins.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 8036 BA 75 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 9 months from the shipping date

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