

## TECHNICAL DATA SHEET

# SYNOLAC® 8036 BA 75

*Short Oil Alkyd*

### 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.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	73 - 77 %	ISO 3251
Viscosity (20°C)	40 - 60 dPa.s	ISO 3219
Color	6 max Gardner	ISO 4630
Acid value	20 max mg KOH/g	ISO 2114

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Solvent	Butyl acetate	-
Density	1.11 g/ml	ISO 2811
Fatty acid content	40 %	-
Hydroxyl content	3.5 %	-

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

### MARKETS & APPLICATIONS

#### Coatings & Inks

- Industrial Coating
  - General Industry
  - Wood Furniture
  - Industrial Wood Finishes

# SYNOLAC® 8036 BA 75

## 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 AND 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 from the shipping date.

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