

## TECHNICAL DATA SHEET

# SYNOLAC® N36Ba80

Short Oil Alkyd

### PRODUCT APPLICATION DETAILS

SYNOLAC® N36BA80 is short oil, non-drying resin based on saturated fatty acids. It is well fitted as a backbone resin in polyurethane, acid curing and nitrocellulose finishes where excellent colour and colour stability is desired.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C, %)	78 - 82	ISO 3251
Viscosity (25°C, Gardner)	Z7-Z8	Gardner-Holdt
Color (Gardner)	Max. 1	ASTM D-1544
Acid value (mg KOH/g)	6 - 12	ISO 2114

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

	CHARACTERISTICS	METHODS
Solvent	Butyl Acetate	-
Density (25°C, g/mL)	1.09	-
Fatty acid type	Saturated Fatty Acids	-
Fatty acid content (%)	36	-
Hydroxyl content (%)	4.7	-

<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

#### Coatings & Inks

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

### PERFORMANCE BENEFITS

- Excellent light color
- Excellent gloss
- Good hardness and abrasion resistant
- Non-yellowing
- Low aromatic content

# SYNOLAC® N36BA80

## FORMULATION GUIDELINES

### RECOMMENDATIONS FOR USE

SYNOLAC® N36BA80 is recommended for premium quality 2K polyurethane, acid curing and nitro-cellulose system furniture wood coating. It is particularly recommended for higher solids, higher build and light colour coatings suited.

### SOLUBILITY

Aromatic hydrocarbon — Complete  
Ester — Complete  
Ketone — Complete  
Glycol Ether — Complete  
Alcohol — Partial  
Aliphatic Hydrocarbon — Not Soluble

### COMPATIBILITY

Urea Resins — Very Good  
Isocyanate Resins — Very Good  
Short Oil Alkyd — Good  
Melamine Resins — Good  
NC/CAB — Good  
Polyester Resins — Fair  
Acrylic Resins — Fair  
Epoxy Resins — Fair

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

SYNOLAC® N36Ba80 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Exposure to direct sunlight should be avoided.  
In the above mentioned storage conditions the shelf life of the resin will be 12 months.

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