

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 CHARACTERISTICS¹

	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	-

¹The 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
 - Wood Furniture

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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