

TECHNICAL DATA SHEET

SYNOLAC® 8002 DBA 80

Short Oil Alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® 8002 DBA 80 is a low viscosity aromatic free short oil alkyd resin based on castor oil specially designed to be used in combination with amino resins for general purpose high solids and low VOC primers and enamels.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	79 - 81 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C)	5000 - 6000 mPa.s	ISO 3219
Color	5 max Gardner	ISO 4630
Acid value	10 - 25 mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Butyl acetate	-
Flash point	38 °C	ISO 3679
Density	1.07 g/ml	ISO 2811
Fatty acid type	Castor oil	-
Fatty acid content	40 %	-

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
 - Automotive - OEM
 - General Industry

PERFORMANCE BENEFITS

- High gloss
- High flexibility
- High mar resistance
- Good colour retention

SYNOLAC® 8002 DBA 80

FORMULATION GUIDELINES

SOLUBILITY

SYNOLAC® 8002 DBA 80 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers.

COMPATIBILITY

SYNOLAC® 8002 DBA 80 is compatible with amino resins, short and medium oil alkyd resins, nitrocellulose and alkyd resins modified with styrene. It is partially compatible with long oil alkyd resins and drying oils.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 8002 DBA 80 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.

Headquarter: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

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