

TECHNICAL DATA SHEET

SYNOLAC® 8465 X 60

Short Oil Alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® 8465 X 60 is a short oil alkyd resin based on special fatty acids designed for sealers and topcoats for wood, crosslinked with isocyanates for the furniture industry. SYNOLAC® 8465 X 60 is recommended for the formulation of 2 pack isocyanate curing systems with fast solvent release and very good levelling. It is suitable for the formulation of all kind of finishes, either mat or glossy, providing excellent hardness and mar resistance.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	58 - 62 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C)	4000 - 9000 mPa.s	ISO 3219
Color	7 max Gardner	ISO 4630
Acid value	22 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Xylene	-
Flash point	27 °C	ISO 3679
Density	1.03 g/ml	ISO 2811
Fatty acid type	Special fatty acids	-
Fatty acid content	37 %	-
Hydroxyl content	4.5 %	-

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
 - General Industry
 - Wood Furniture
 - Industrial Wood Finishes

SYNOLAC® 8465 X 60

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® 8465 X 60 can be used as a sole binder or in combination with SYNOLAC® 7025 SD 55 in order to be able to fit the different application requirements. We recommend to crosslink between 80-100%.

SOLUBILITY

SYNOLAC® 8465 X 60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

SYNOLAC® 8465 X 60 is compatible with most short oil alkyds resins, nitrocellulose, phthalate plasticizers, maleic resins, urea and melamine resins and polyisocyanates.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 8465 X 60 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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