

SYNOLAC® 8465 X 60 (FORMERLY SYNOLAC® 8065 X 60)

INDUSTRIAL WOOD

ARKEMA COATING RESINS

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.

Polymer Type

- Solventborne Alkyd

Sales Specifications

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

Other Characteristics¹

Volatile	Xylene
Flash point, °C (ISO 3679)	27
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.03
Type of fatty acid	Special fatty acids
Fatty Acid content, %	37
Hydroxyl Content, %	4.5

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

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

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 & 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.

Under the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date.

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See SDS for Health & Safety Considerations.

The products described in the document are not Medical grades designated for Medical Device applications.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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