

SYNOLAC® 8467 DBA 75

INDUSTRIAL WOOD

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 8467 DBA 75 is a medium oil alkyd resin suitable for the formulation of 2K polyurethane wood coatings.

SYNOLAC® 8467 DBA 75 contains less than 1% of aromatic hydrocarbons.

The sealers formulated with SYNOLAC® 8467 DBA 75 have good sandability, recoatability and transparency.

The topcoats formulated with SYNOLAC® 8467 DBA 75 are easy to matt and have very good scratch resistance.

SYNOLAC® 8467 DBA 75 has good yellowing resistance, depending on the polyisocyanate used to crosslink it.

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	74 - 76
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Viscosity at 25°C, mPa.s (Brookfield SC4-21/13R, 11 s-1) (ISO 3219)	6000 - 8000
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Colour, Gardner scale (ISO 4630)	6 max
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Acid value, mg KOH/g (ISO 2114)	15 max
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Other Characteristics¹

Volatile	Butyl acetate
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Flash point, °C (ISO 3679)	23
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Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.06
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Type of fatty acid	Special fatty acids
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Fatty Acid content, %	44
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Hydroxyl Number, mg KOH/g (ISO 4629)	150
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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® 8467 DBA 75 is used in 2 pack systems either in combination with aromatic or with aliphatic polyisocyanates.

SOLUBILITY

SYNOLAC® 8467 DBA 75 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

SYNOLAC® 8467 DBA 75 is compatible with most short oil alkyds resins, nitrocellulose, phthalate plasticizers, maleic resins, urea and melamine resins and polyisocyanates.

Notice that the presence of this resin increases the compatibility between nitrocellulose and isocyanurates.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 8467 DBA 75 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 6 months from the shipping date

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The logo for ARKEMA, featuring the word "ARKEMA" in a bold, sans-serif font. The letters "A", "R", "K", "E", and "M" are in a dark blue color, while the letter "A" at the end is in a green color.