

SYNOLAC® 3315 BA 70

INDUSTRIAL WOOD

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 3315 BA 70 is a vegetable fatty acids modified polyester resin with resistance to chemical agents, high flexibility and adherence to the surface.

Their hydroxyl groups are very reactive and react very fast with the NCO groups at room temperature.

SYNOLAC® 3315 BA 70 is recommended for non yellowing polyurethane sealers and finishes for wood, varnishes and paints for boats, polyurethane paints for industrial protection and universal pigmented pastes.

Performance Benefits

- Good impact resistance
- Good elasticity
- Low molecular weight

Polymer Type

- Solventborne Polyester

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	69 - 71
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 13.2s-1) (ISO 3219)	3100 - 4500
Colour, Gardner scale (ISO 4630)	3 max
Acid value, mg KOH/g (ISO 2114)	20 - 26

Other Characteristics¹

Volatile	Butyl acetate
Flash point, °C (ISO 3679)	26
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.06
Type of fatty acid	Vegetable fatty acids
Hydroxyl Content, %	4.2

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® 3315 BA 70 in combination with an aliphatic isocyanate is suitable for non yellowing sealers and finishes with fast drying and sanding, offering good resistance to sea water, as well as weathering resistance.

Due to its good adherence it can be applied onto different surfaces as : glass reinforced polyester, metal, plastics.

It shows a high chemical resistance and can be applied in very aggressive environments.

Due to its good wetting, the pigment dispersion is easier and the pigments are better processed.

In combination with acrylic resins it provides better hardness, filling and gloss to dried films.

SOLUBILITY

SYNOLAC® 3315 BA 70 is soluble in esters, ketones and glycol ethers and has a limited solubility in alcohols and aromatic hydrocarbons.

COMPATIBILITY

SYNOLAC® 3315 BA 70 is very compatible with different polymers (acrylic, alkyd, etc.) and it is an ideal resin for universal paste manufacture.

**Product
Safety**

Please refer to the corresponding Safety Data Sheet.

**Storage &
Handling**

SYNOLAC® 3315 BA 70 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.

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