SYNOLAC®

TECHNICAL DATA SHEET

SYNOLAC® 3315 BA 70

Polyester modifed

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.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	69 - 71 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 13.2s-1) (25°C)	7000 - 10000 mPa.s	ISO 3219
Color	3 max Gardner	ISO 4630
Acid value	20 - 26 mg KOH/g	ISO 2114

OTHER CHARACTERISTICS[1]

	CHARACTERISTICS	METHODS
Solvent	Butyl acetate	-
Flash point	26 °C	ISO 3679
Density	1.06 g/ml	ISO 2811
Fatty acid type	Vegetable fatty acids	-
Hydroxyl content	4.2 %	-

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

MARKETS & APPLICATIONS

Coatings & Inks

- Industrial Coating
  - General Industry
  - Wood Furniture
  - Industrial Wood Finishes

PERFORMANCE BENEFITS

- Good impact resistance
- Good elasticity
- Low molecular weight

SYNOLAC® 3315 BA 70

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 AND 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.
In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.
Shelf Life (Months): 6

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

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on https://www.arkema.com/global/en/products/product-safety/disclaimer/ which is incorporated herein by reference and made a part hereof.
Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790