

TECHNICAL DATA SHEET

SYNOLAC® 5576 S 65

Short Oil Alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® 5576 S 65 is a short alkyd resin based on vegetable fatty acids, designed for the formulation of two pack polyurethane sealers and topcoats and nitrocellulose combinations for the furniture industry.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	64 - 66 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C)	8000 - 18000 mPa.s	ISO 3219
Color	5 max Gardner	ISO 4630
Acid value	8 - 15 mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Xylene / MEK	-
Flash point	13 °C	ISO 3679
Density	1.05 g/ml	ISO 2811
Fatty acid type	Vegetable fatty acids	-
Fatty acid content	31 %	-
Hydroxyl content	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
 - Wood Furniture
 - Industrial Wood Finishes

SYNOLAC® 5576 S 65

FORMULATION GUIDELINES

SOLUBILITY

SYNOLAC® 5576 S 65 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

SYNOLAC® 5576 S 65 is compatible with most short oil alkyd resins, nitrocellulose, phthalic plasticisers, vinylic resins, maleic resins, amino resins and polyisocyanates aromatics and aliphatics. It has a limited compatibility with medium and long alkyd resin, epoxy resins and cyclised rubber resins. It is incompatible with acrylic resins, rubber and cellulose acetate butyrate.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 5576 S 65 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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