

## 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 CHARACTERISTICS<sup>1</sup>

	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 %	-

<sup>1</sup>The 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

# 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, vinyl 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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