

SYNOLAC® 5576 S 65

INDUSTRIAL WOOD

ARKEMA COATING RESINS

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.

Polymer Type

- Solventborne Alkyd

Sales Specifications

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

Other Characteristics¹

Volatile	Xylene / MEK
Flash point, °C (ISO 3679)	13
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.05
Type of fatty acid	Vegetable fatty acids
Fatty Acid content, %	31
Hydroxyl Content, %	5

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

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 & 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.

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.

The products described in the document are not Medical grades designated for Medical Device applications.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

Arkema Coating Resins

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - arkemacoatingresins.com

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