

TECHNICAL DATA SHEET

SYNOLAC® 7035 S 55

Short Oil Alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® 7035 S 55 is a high molecular weight short oil alkyd resin. SYNOLAC® 7035 S 55 is suitable for 2 pack polyurethane wood sealers providing fast drying, good sanding and excellent filling power.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	53 - 57 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C)	6300 - 19000 mPa.s	ISO 3219
Color	6 max Gardner	ISO 4630
Acid value	22 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Xylene / MEK (85:15)	-
Flash point	14 °C	ISO 3679
Density	1.01 g/ml	ISO 2811
Fatty acid type	Vegetable fatty acids	-
Fatty acid content	31 %	-
Hydroxyl content	5.6 %	-

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® 7035 S 55

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® 7035 S 55 has high reactivity with polyisocyanates, giving fast hardness development and good chemical resistance at 55-60% crosslinking level.

SOLUBILITY

SYNOLAC® 7035 S 55 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

SYNOLAC® 7035 S 55 is compatible with many other short oil alkyds, phthalic plasticizers, urea and melamine resins and polyisocyanates, maleic resins and nitrocellulose.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 7035 S 55 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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