

## 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 CHARACTERISTICS<sup>1</sup>

	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 %	-

<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® 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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