

## TECHNICAL DATA SHEET

# SYNOLAC® S30X

Short Oil Alkyd

### PRODUCT APPLICATION DETAILS

SYNOLAC® S30X is a chained stopped, short oil drying alkyd resin based on TMP. It produces fast drying paints and primers with good adhesion to metal substrates. This resin also provides excellent intercoat adhesion.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C, %)	53 - 57	ISO 3251
Viscosity (25°C, Gardner)	Z4Z5 - (Z5+)	Gardner-Holdt
Color (Gardner)	Max. 4	ASTM D-1544
Acid value (mg KOH/g)	Max. 10	ISO 2114

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Solvent	Xylene	-
Density (25°C, g/mL)	1.02	-
Fatty acid type	Soya Bean Oil	-
Fatty acid content (%)	30	-
Hydroxyl content (%)	5.7	-

<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 & APPLICATIONS

#### Coatings & Inks

- Industrial Coating
  - General Industry
  - Protective Coating
  - Protective And Marine Coating
  - Industrial Wood Finishes

### PERFORMANCE BENEFITS

- Good outdoor durability
- Fast drying
- Quick hardness evolution

# SYNOLAC® S30X

## FORMULATION GUIDELINES

### RECOMMENDATIONS FOR USE

SYNOLAC® S30X is recommended for marine coatings and industrial finishes that require rapid drying speed.

### SOLUBILITY

Aromatic hydrocarbon — Complete  
Ester — Complete  
Ketone — Complete  
Alcohol — Partial  
Aliphatic Hydrocarbon — Not Soluble

### COMPATIBILITY

Urea Resins — Very Good  
Short Oil Alkyd — Good  
Melamine Resins — Good  
Polyester Resins — Fair

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

SYNOLAC® S30X should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Exposure to direct sunlight should be avoided.  
In the above mentioned storage conditions the shelf life of the resin will be 12 months.

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