

## TECHNICAL DATA SHEET

# SYNOLAC® 5053 WD 50

Medium oil alkyd

### PRODUCT APPLICATION DETAILS

SYNOLAC® 5053 WD 50 is a medium oil alkyd resin for general purpose. Due to good balance between surface drying and hard drying, SYNOLAC® 5053 WD 50 is designed to formulation paints and anti corrosive paints.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	48.5 - 51.5 %	ISO 3251
Viscosity (20°C)	50 - 80 dPa.s	ISO 3219
Color (50% solution)	7 max Gardner	ISO 4630
Acid value	12 max mg KOH/g	ISO 2114

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

	CHARACTERISTICS	METHODS
Solvent	White spirit (~1% aromatic)	-
Flash point	38 °C	ISO 3679
Density	0.9 g/ml	ISO 2811
Fatty acid type	Linseed	-
Fatty acid content	53 %	-

<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
- General Industry

### PERFORMANCE BENEFITS

- Good gloss
- Good application by brush
- Fast drying time and hardness evolution
- Good durability

# SYNOLAC® 5053 WD 50

## FORMULATION GUIDELINES

### **SOLUBILITY**

SYNOLAC® 5053 WD 50 is soluble in aromatic hydrocarbons, esters, ketones, glycol ethers and aliphatic hydrocarbons.

### **COMPATIBILITY**

SYNOLAC® 5053 WD 50 is compatible with long and medium oil alkyds, cyclised rubber resins, chlorinated rubber resins.

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

SYNOLAC® 5053 WD 50 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.

**Headquarter: Arkema France**  
51, Esplanade du Général de Gaulle  
92800 Puteaux – France  
T +33 (0)1 49 00 80 80

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