

## TECHNICAL DATA SHEET

# SYNOLAC® 78 W 50

Medium oil alkyd

### PRODUCT APPLICATION DETAILS

SYNOLAC® 78 W 50 is a medium oil alkyd. SYNOLAC® 78 W 50 is especially adapted to fast drying topcoats without the need for hazardous labelling, topcoat for transport finishes and fast drying decorative varnishes.

### SALES SPECIFICATIONS

|                       | CHARACTERISTICS   | METHODS  |
|-----------------------|-------------------|----------|
| Solid content (125°C) | 48 - 51 %         | ISO 3251 |
| Viscosity (25°C)      | 2000 - 3000 mPa.s | ISO 3219 |
| Color                 | 6 max Gardner     | ISO 4630 |
| Acid value            | 9 max mg KOH/g    | ISO 2114 |

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

|                    | CHARACTERISTICS | METHODS  |
|--------------------|-----------------|----------|
| Solvent            | White spirit    | -        |
| Flash point        | 38 °C           | ISO 3679 |
| Density            | 0.91 g/ml       | ISO 2811 |
| Fatty acid type    | Linoleic rich   | -        |
| Fatty acid content | 55 %            | -        |

<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
  - Protective And Marine Coating

### PERFORMANCE BENEFITS

- Medium viscosity
- Good compromise between drying/gloss
- Yellowing resistance
- Good mechanical properties

# SYNOLAC® 78 W 50

## FORMULATION GUIDELINES

### DRIERS

At a starting point, the recommended drier level could be 0.06 % cobalt, 0.09 % zirconium and 0.1 % calcium (metal on solid resin). Depending on the formulation (clear, pigmented, thixotropic, etc...) and on the application, the loading of each drier may be increased or reduced in order to achieve the appropriate drying/hardness profile.

The use of antiskinning agent is essential to prevent in-can skinning of the finished product.

### PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

### STORAGE AND HANDLING

SYNOLAC® 78 W 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.

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