

# SYNOLAC® 78 W 50

GENERAL INDUSTRY

ARKEMA COATING RESINS

## 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.

## Performance Benefits

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

## Polymer Type

- Solventborne Alkyd

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	48 - 51
Viscosity at 25°C, mPa.s (ISO 3219)	2000 - 3000
Colour, Gardner scale (ISO 4630)	6 max
Acid value, mg KOH/g (ISO 2114)	9 max

## Other Characteristics<sup>1</sup>

Volatile	White spirit
Flash point, °C (ISO 3679)	38
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	0.91
Type of fatty acid	Linoleic rich
Fatty Acid content, %	55

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

<sup>1</sup> The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

## 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.

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & 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.

Under the above mentioned storage conditions the shelf life of the resin will be 9 months from the shipping date.

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See SDS for Health & Safety Considerations.

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