

# SYNOLAC® 8026 X 60

INDUSTRIAL WOOD

ARKEMA COATING RESINS

## Product

### Application details

SYNOLAC® 8026 X 60 is a short oil alkyd resin based on soya rich oil, designed for the formulation of nitrocellulose lacquers and varnishes, very fast drying sealers, fillers and primers with easy sanding, very fast air drying varnishes and paints, two pack polyurethane lacquers and general purpose stoving enamels.

## Polymer Type

- Solventborne Alkyd

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	59 - 61
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 6.6s-1) (ISO 3219)	3100 - 6000
Colour, Gardner scale (ISO 4630)	6 max
Acid value, mg KOH/g (ISO 2114)	15 max

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

Volatile	Xylene
Flash point, °C (ISO 3679)	25
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.00
Type of fatty acid	Soya
Fatty Acid content, %	27
Hydroxyl Content, %	3

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

### RECOMMENDATIONS FOR USE

SYNOLAC® 8026 X 60 is recommended for nitrocellulose lacquers and varnishes formulations with and alkyd/ nitrocellulose ratio till 3:1. An important characteristic is a very quick solvent release from the applied film, allowing to handle the varnished goods in very short times. Quantities of 1-3% of zinc stearate are recommended to obtain a good sanding. On matting varnishes, allows a perfect distribution on the varnish surface, giving an excellent appearance.

SYNOLAC® 8026 X 60 allows formulation of nitrocombined varnishes which may be hardened with polysocyanates. Very good stackability and sanding.

### SOLUBILITY

SYNOLAC® 8026 X 60 is soluble in aromatic hydrocarbons, esters, ketones, glycol ethers, alcohols and trichloro-ethylene. It has a limited solubility in terpenic solvents and it is insoluble in aliphatic hydrocarbons.

### COMPATIBILITY

SYNOLAC® 8026 X 60 is compatible with nitrocellulose, chlorinated rubber resins, maleic resins and polyisocyanates, partially compatible with phenolic modified resins, drying oils. It is incompatible with standoils.

SYNOLAC®

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & Handling**

SYNOLAC® 8026 X 60 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 9 months from the shipping date

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