

SYNOLAC® K32X

SHORT OIL ALKYD

ARKEMA COATING RESINS

Product Application details SYNOLAC® K32X is short oil, non-drying alkyd resin recommended to be used as plasticizer in nitro-cellulose lacquers. In conjunction with proper amino resins, acid curing lacquers with good pot-life, cold check resistance and non-yellowing properties can be formulated. It is also recommended to be used as non-yellowing stoving enamel.

Performance Benefits

- Fast drying
- Good pot-life
- Non-yellowing

Polymer Type

- Solventborne Alkyd

Sales Specifications	Solid Content % (ISO 3251)	68 - 72
	Viscosity at 25°C, Gardner Holdt	(Z6-) – (Z6+)
	Colour, Gardner scale (ASTM D1544)	4 max
	Acid value, mg KOH/g (ISO 2114)	3 - 10

Other Characteristics¹	Volatile	Xylene
	Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.07
	Type of fatty acid	Coconut Oil
	Fatty Acid content, %	32

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

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

RECOMMENDATIONS FOR USE

SYNOLAC® K32X can be used for nitro-cellulose and acid curing wood coatings, general-purpose industrial enamels.

Formulation Guidelines

<u>SOLUBILITY</u>	
Aromatic hydrocarbon	Complete
Ester	Complete
Ketone	Complete
Glycol Ether	Complete
Alcohol	Partial
Aliphatic Hydrocarbon	Not Soluble

<u>COMPATIBILITY</u>	
Urea Resins	Very Good
Isocyanate Resins	Very Good
Short Oil Alkyd	Good
Melamine Resins	Good
NC/CAB	Good
Polyester Resins	Fair
Acrylic Resins	Fair
Epoxy Resins	Fair

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® K32X 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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See SDS for Health & Safety Considerations.

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