

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

SOLUBILITY

Aromatic hydrocarbon	Complete
Ester	Complete
Ketone	Complete
Glycol Ether	Complete
Alcohol	Partial
Aliphatic Hydrocarbon	Not Soluble

COMPATIBILITY

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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