

SYNOLAC[®] T49MP

SHORT OIL ALKYD

ARKEMA COATING RESINS

Product Application details SYNOLAC[®] T49MP is semi-drying alkyd resin. Used in conjunction with suitable amino resins, high solids acid finishes with low aromatic solvents can easily be formulated. System based on SYNOLAC[®] T49MP give high film build, good stackability and good chemical and wet heat resistance.

- Performance Benefits**
- Excellent wet heat resistant
 - High film build
 - Low aromatic content
 - Good gloss
 - Good stackability

- Polymer Type**
- Solventborne Alkyd

Sales Specifications	Solid Content % (ISO 3251)	82 - 86
	Viscosity at 25°C, Gardner Holdt	Z5 - Z6
	Colour, Gardner scale (ASTM D1544)	6 max
	Acid value, mg KOH/g (ISO 2114)	18 - 30

Other Characteristics¹	Volatile	Methoxyl Propanol
	Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.07
	Type of fatty acid	Tall Oil Fatty Acid
	Fatty Acid content, %	49

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[®] T49MP is recommended for use in furniture and parquet finishes particularly acid curing and nitro-cellulose system. It is suite from coating that high solids, high build and low aromatics.

Formulation Guidelines

SOLUBILITY

Aromatic hydrocarbon	Complete
Ester	Complete
Ketone	Complete
Glycol Ether	Complete
Alcohol	Partial
Aliphatic Hydrocarbon	Partial

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® T49MP 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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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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