

# 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 Characteristics<sup>1</sup>

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

<sup>1</sup> 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

SYNOLAC®

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#### 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

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#### **Product Safety**

Please refer to the corresponding Safety Data Sheet.

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#### **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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