

SYNOLAC[®] 133A

SHORT OIL ALKYD

ARKEMA COATING RESINS

Product Application details SYNOLAC[®] 133A is a non-drying short oil alkyd based on coconut oil. Outstanding features of SYNOLAC[®] 133A include good gloss, good flexibility, good adhesion and non-yellowing.

Performance Benefits

- Good gloss
- Good flexibility
- Good adhesion
- Non-yellowing

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content % (ISO 3251)	59 - 61
Viscosity at 25°C, Gardner Holdt	(Z5-) – (Z5+)
Colour, Gardner scale (ASTM D1544)	5 max
Acid value, mg KOH/g (ISO 2114)	15 max

Other Characteristics¹

Volatile	Solvesso 150
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.04
Type of fatty acid	Coconut Oil
Fatty Acid content, %	33

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

For air drying drum coatings, a combination of 0.02% Cobalt and 0.1% Zinc expressed as metals on solid resin is recommended. Methyl ethyl ketoxime at 0.08% of the weight of paint is recommended as anti-skinning agent in paints containing driers.

For stoving drum coatings, urea resin up to 30% or Melamine resin up to 20% calculated as percentage of total resin solids is recommended.

Formulation Guidelines

SOLUBILITY

Aromatic hydrocarbon	Complete
Ester	Complete
Ketone	Complete

COMPATIBILITY

Amino Resins	Very Good
Short Oil Alkyd	Good

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 133A 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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The logo for ARKEMA, featuring the word "ARKEMA" in a bold, sans-serif font. The letters "A", "R", "K", "E", and "M" are in a dark blue color, while the letter "A" at the end is in a light green color.