

## COATING RESINS

### TECHNICAL DATA

### SYNOLAC 5001(70%)

#### SALES SPECIFICATION

Non-volatile content, % @ 150°C	68 - 72
Viscosity in CPS at 30°C ( 50%in Xylene) (By Brookfield Viscometer Spindle No. 4 RPM20 )	500 - 900
Colour, Gardner scale (ISO 4630)	≤ 6 Gardner
Acid value, mg KOH/g (ISO 3682)	≤15

#### OTHER PROPERTIES

Volatile	Xylene
Non-volatile content, % @ 150°C	70
Flash point, °C (ISO 3679)	28
Density at 20°C (ISO 2811)	0.98
Oil or Fatty Acid Type	Coconut
Oil Length in %	32%

Note –Acid Value quoted relative to solid resin

#### PRODUCT INFORMATION

**SYNOLAC 5001(70%)** SYNOLAC5001(70%) is a Short oil Alkyd resin which is based on Coconut oil and modified with Pentaerythritol.

SYNOLAC5001(70%) is recommended to use with Amino resins for stoving enamels it is used as a plasticising alkyd in NC Lacquer formulations. It can be used in acid catalysed wood finish. It is available in 70% solids and it can be used in roller coating formulations. Particular advantages gained by using this resin include:

- Excellent Colour and colour retention.
- Excellent Gloss and gloss retention.
- Excellent hardness along with adequate flexibility.

#### SOLUBILITY:

SYNOLAC5001(70%) is soluble in aromatic hydrocarbons and ketones and esters.

**COMPATIBILITY :** SYNOLAC5001(70%) is compatible with most short oil alkyd, amino resins, and Nitrocellulose resins.

#### USES:

This resin is used in stoving enamels with excellent colour retention. It is also used in NC lacquers and roller coating varnish and hard water white varnishes.

**SYNOLAC 5001(70%)** should only be use applications consistent with the al recommendations. Proposals to use the res other ways should be discussed with Cray V before any action is