

## COATING RESINS

### TECHNICAL DATA

### SYNOLAC 5001/3(100%)

#### SALES SPECIFICATION

Non-volatile content, % @ 150°C	96 - 100
Viscosity in CPS at 30°C ( 50%in Xylene ) By B-4 Ford Cup	100 - 150
Colour, Gardner scale (ISO 4630)	≤ 5 Gardner
Acid value, mg KOH/g (ISO 3682)	≤15

#### OTHER PROPERTIES

Volatile	NA
Non-volatile content, % @ 150°C	100
Flash point, °C (ISO 3679)	28
Density at 20°C (ISO 2811)	0.98
Oil or Fatty Acid Type	Non drying
Oil Length in %	62%

Note –Acid Value quoted relative to solid resin

#### PRODUCT INFORMATION

**SYNOLAC 5001/3(100%)** SYNOLAC5001/3(100%) is a Short oil Alkyd resin which is based on non drying oil and modified with glycerol. SYNOLAC5001/3(100%) is recommended as a plasticising alkyd. It is used for improving flexibility of the Nitrocellulose based lacquer and putties. Particular advantages gained by using this resin include:

- Excellent flexibility.

#### USES:

This resin is used in Nitro Cellulose lacquers and putties.

**SYNOLAC 5001/3(100%)** should only be used in applications consistent with the above recommendations. Proposals to use the resin in other ways should be discussed with Cray Valley before any action is taken.

#### SOLUBILITY:

SYNOLAC5001/3(100%) is soluble in aromatic hydrocarbons ketones esters and alcoholic solvents. It has got limited solubility in aliphatic solvents like MTO.

**COMPATIBILITY :** SYNOLAC5001/3(100%) is compatible with most short oil alkyd and Nitro Cellulose resins.

#### RECOMMENDATIONS:

**SYNOLAC 5001/3 (100%)** is used as a plasticising alkyd resin for nitrocellulose resins.