

COATING RESINS

TECHNICAL DATA

SYNOLAC 3001/1(100%)

SALES SPECIFICATION

Non-volatile content, % @ 150°C	94-99
Viscosity in Secs at 30°C (50%in MTO) (By B-4 Ford Cup)	20 -24
Colour, Gardner scale (ISO 4630)	≤ 10 Gardner
Acid value, mg KOH/g (ISO 3682)	≤10

OTHER PROPERTIES

Volatile	NA
Non-volatile content, % @ 150°C	94 - 99
Oil or Fatty Acid Type	Safflower
Oil Length in %	65%
Density (50% Soln)	0.98

Note –Acid Value quoted relative to solid resin

PRODUCT INFORMATION

SYNOLAC 3001/1 SYNOLAC3001/1 is a long oil oxidising alkyd based on safflower oil modified with Pentaerythritol. SYNOLAC3001/1 is recommended for use high quality printing inks for paper and tin which are having excellent gloss and colour retention. It is available in 100% solids. Particular advantages gained by using this resin include:

- Excellent non yellowing properties
- Excellent Gloss and gloss retention
- Excellent colour and colour retention

Solubility:

SYNOLAC3001/1 is soluble in aliphatic and aromatic hydrocarbons ketones and esters.

COMPATIBILITY : SYNOLAC3001/1 is compatible with most long and medium oil alkyd, drying oils and Varnishes, Chlorinated rubber. It is partially compatible with short oil alkyds.

USES:

It is used in high quality printing inks for paper and tins with excellent colour retention.

SYNOLAC 3001/1 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.