

## COATING RESINS

### TECHNICAL DATA

### SYNOLAC 2001(60%)

#### SALES SPECIFICATION

Non-volatile content, % @ 150°C	58 - 62
Viscosity inSecs at 30°C ( 50%in MTO) (By B-4 Ford Cup )	100 - 120
Colour, Gardner scale (ISO 4630)	≤ 10 Gardner
Acid value, mg KOH/g (ISO 3682)	≤10

#### OTHER PROPERTIES

Volatile	MTO
Non-volatile content, % @ 150°C	60
Flash point, °C (ISO 3679)	37
Density at 20°C (ISO 2811)	0.98
Oil or Fatty Acid Type	Linseed Oil
Oil Length in %	65%

Note –Acid Value quoted relative to solid resin

#### PRODUCT INFORMATION

**SYNOLAC 2001(60%)** SYNOLAC2001(60%) is a long oil linseed resin which is modified with Pentaerythritol. SYNOLAC2001(60%) is recommended for use in high quality decorative paints and air drying enamels with excellent gloss. It is available in 100% & 60% solids. Particular advantages gained by using this resin include:

- Excellent Drying.
- Excellent Gloss.
- Excellent Flow and Levelling Properties.

#### **Solubility:**

SYNOLAC2001(60%) is soluble in aliphatic and aromatic hydrocarbons ketones and esters.

**COMPATIBILITY:** SYNOLAC2001 is compatible with most long and medium oil alkyd, drying oils and Varnishes, Chlorinated rubber.

It is partially compatible with short oil alkyds. It is also compatible with the Urethane Alkyds in all proportions.

#### **DRIERS:**

For Air Drying applications recommended drier combination is as follows ; 0.05% Cobalt 0.1% Calcium and 0.5% Lead calculated as on metal basis. In lead free systems use 0.2% - 0.6% of Zirconium can be used as an alternative to Lead.

Typical Drying time using above combination are as follows:

S. D.	-	1 – 2 hrs.
T. D.	-	4 – 5 hrs.
H. D.	-	O/N

#### USES:

This is used in high quality decorative paints and air drying enamels with excellent gloss.

**SYNOLAC 2001(60%)** 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.