

## COATING RESINS

### TECHNICAL DATA

### SYNOLAC 2002(60%)

#### SALES SPECIFICATION

Non-volatile content, % @ 150°C	58 - 62
Viscosity in Secs at 30°C ( 50%in MTO) (By B-4 Ford Cup )	60 - 80
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 %	52%

Note –Acid Value quoted relative to solid resin

#### PRODUCT INFORMATION

**SYNOLAC 2002(60%)** SYNOLAC2002(60%) is a Medium oil linseed resin rich which is modified with Pentaerythritol. SYNOLAC2002(60%) is recommended for use in fast drying decorative and industrial paints with excellent gloss. This resin can be used for undercoat applications. It is available in 60% solids. Particular advantages gained by using this resin include:

- Excellent Drying.
- Excellent Gloss.

#### **Solubility:**

SYNOLAC2002(60%) is soluble in aliphatic and aromatic hydrocarbons ketones and esters.

**COMPATIBILITY :** SYNOLAC2002(60%) 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.	-	3 – 4 hrs.
H. D.	-	O/N

#### USES:

Used in fast drying decorative and industrial enamels and undercoats.

**SYNOLAC 2002(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.