

TECHNICAL DATA SHEET

SYNOLAC® 8250 X 60

Modified alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® 8250 X 60 is a styrenated short oil soya alkyd resin.
SYNOLAC® 8250 X 60 is recommended for very fast air drying spraying finishes, paints with good resistance to water and mineral oils and primers for crankcases.

SALES SPECIFICATIONS

| | CHARACTERISTICS | METHODS |
|--|-------------------|----------|
| Solid content (125°C) | 59 - 61 % | ISO 3251 |
| Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C) | 3100 - 4300 mPa.s | ISO 3219 |
| Color | 7 max Gardner | ISO 4630 |
| Acid value | 15 max mg KOH/g | ISO 2114 |

OTHER CHARACTERISTICS¹

| | CHARACTERISTICS | METHODS |
|----------------------------|-----------------|----------|
| Solvent | Xylene | - |
| Flash point | 25 °C | ISO 3679 |
| Density | 0.98 g/ml | ISO 2811 |
| Fatty acid type | Soya | - |
| Fatty acid content | 30 % | - |
| Typical weight per epoxide | Styrene | - |

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Industrial Coating
 - General Industry
 - Protective And Marine Coating

PERFORMANCE BENEFITS

- Excellent surface drying
- Very good hardening in depth
- Good resistance to water and mineral oils

SYNOLAC® 8250 X 60

FORMULATION GUIDELINES

DRIERS

The recommended drier level for use on air drying systems is 0.03% cobalt as metal on solids resin. Depending on the formulation (clear, pigmented, thixotropic, etc...) and on the application, the loading of each drier may be increased or reduced in order to achieve the appropriate drying/hardness profile.

The use of antiskinning agent is essential to prevent in-can skinning of the finished product.

We advice to check the stability of the paints based on basic pigments.

COMPATIBILITY

SYNOLAC® 8250 X 60 is compatible with hydrocarbon resins, partially compatible with drying oils, maleic resins and modified phenolic resins. It is incompatible with standoils, long and medium oil alkyd resins, melamine/formaldehyde resins and chlorinated rubber resins.

SOLUBILITY

SYNOLAC® 8250 X 60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers, partially soluble in terpenics and insoluble in alcohols.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 8250 X 60 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

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