

SYNOLAC® 8298 WD60

ARCHITECTURAL COATINGS / PROTECTIVE & MARINE COATINGS

ARKEMA COATING RESINS

Product

SYNOLAC® 8298 WD60 is a phenolic modified chinawood oil.

Application details

SYNOLAC® 8298 WD60 is supplied in low aromatic white spirit to enable the formulation of coatings that do not require adverse environmental labelling.

SYNOLAC® 8298 WD60 can be formulated into a range of decorative and marine paints.

Performance Benefits

- High gloss
- Good drying
- Good water resistance

Polymer Type

- Resin Solution

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	59 - 61
Viscosity at 23°C, mPa.s (Brookfield LVDV-II+, SC4-34, 20rpm) (ISO 3219)	330 - 410
Colour, Gardner scale (ISO 4630)	9 max

Other Characteristics¹

Volatile	Low aromatic white spirit
Flash point, °C (ISO 3679)	40
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	0.90
Type of fatty acid	Tung
Fatty Acid content, %	75

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

Formulation Guidelines

DRIERS

SYNOLAC® 8298 WD60 requires metal driers to accelerate the autoxidation process. A suitable combination of driers for use in systems containing SYNOLAC® 8298 WD60 is: 0.06% cobalt, 0.09% zirconium and 0.1% calcium calculated as metals on solid resin. Depending on the formulation (clear, pigmented, 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 an anti-skinning agent is essential to prevent in-can skinning of the finished product.

SOLUBILITY

SYNOLAC® 8298 WD60 is completely soluble in aromatic and aliphatic hydrocarbons, esters and ketones. It has a limited solubility in alcohols.

COMPATIBILITY

SYNOLAC® 8298 WD60 is completely compatible with most long and medium oil alkyds.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 8298 WD60 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 6 months from the shipping date

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