

SYNOCRYL® 826S-60

ARKEMA COATING RESINS

Product Application details SYNOCRYL® 826S-60 is hydroxyl functional thermosetting acrylic resin developed for use in low bake stoving system for auto body paints and lacquers. SYNOCRYL® 826S-60 is recommended for the development of the acrylic based General Industrial, OEM and vehicle refinish lacquers or paints having excellent overall performance.

Performance Benefits

- Excellent gloss and colour retention
- Excellent durability.
- Excellent polishing properties.
- Good adhesion and hardness.

Polymer Type

- Solvent borne Acrylic

Sales Specifications	Non-volatile content, % (ISO 3251, 1gm, 1h, 125°C)	58 - 62
	Viscosity in Poise at 25°C, Brookfield Viscometer (ISO 3219)	7 - 11
	Colour, Gardner scale (ISO 4630)	1 Max
	Acid value, mg KOH/g (ISO 2114)	15 Max

Other Characteristics¹	Volatile Aromatic solvent	Xylene / Butyl Acetate (1:1)
	Density at 25°C, g/cm ³ (ISO 2811)	0.97

Note: Acid value quoted relative to solid resin

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

Formulation Guidelines

RECOMMENDATIONS FOR USE

SYNOCRYL® 826S-60 should be used in conjunction with amino resins to give coatings which cure in 30 minutes at 120 - 130°C. Butylated melamine formaldehyde resin are preferred. Use of 5 - 10% of acid catalyst solution on resin solids can be used to accelerate curing.

SOLUBILITY:

SYNOCRYL® 826S-60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers. Limited solubility in alcohols.

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COMPATIBILITY:

SYNOCRYL® 826S-60 is compatible with similar grades of thermosetting acrylic resins and all types of etherified amino resins.

SYNOCRYL® 826S-60 should only be used in applications consistent with the above recommendations. Proposals to use the resin in other ways should be discussed with Arkema before any action is taken.

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Product Safety

Please refer to the corresponding Safety Data Sheet

Storage & Handling

SYNOCRYL® 826S-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.

Under the above mentioned storage conditions the shelf life of the resin will be 12 months from the date of manufacturing.

October 2016

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