

TECHNICAL DATA SHEET

SYNOCURE® 885 S 70

Carboxyl acrylic NISO

PRODUCT APPLICATION DETAILS

SYNOCURE® 885 S 70 is an acrylic resin with functional acid groups capable of crosslinking with an epoxy hardener to produce high build isocyanate free two-pack coating systems. SYNOCURE® 885 S 70 is designed for use in vehicle refinishing, maintenance enamels or protective top-coats. Used with epoxy hardener (typical aliphatic multifunctional epoxy resins such as those based on sorbitol), excellent solvent resistance to facilitate recoating and spot repair can be achieved. High build finishes are a particular feature of paints based on this resin.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	68 - 70 %	ISO 3251
Viscosity (25°C)	5000 - 10000 mPa.s	ISO 12058-1
Color	4 max Gardner	ISO 4630
Acid value	14 - 18 mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Xylene : methoxy propanol 4:1	-
Flash point	24 °C	ISO 3679
Density	0.98 g/ml	ISO 2811

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

- Fast cure
- Excellent solvent resistance
- Early development of water and humidity resistance
- Very good exterior durability

SYNOCURE® 885 S 70

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

The recommended mixing ratio based on resins as supplied is:

100 parts SYNOCURE® 885 S 70 : 8.7 parts Epoxy hardener

Minor deviations from this ratio will have little effect on film performance, although it is preferable that paint formulations are based on the recommended ratio to maintain optimum performance.

SOLUBILITY

Aromatic hydrocarbons such as xylene and aromatic solvent (boiling range 160°C-180°C) together with minor proportions of alcohols and esters such as n-butanol and methoxy propyl acetate are the most suitable solvents to use.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOCURE® 885 S 70 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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