

# SYNOCURE® 885 S 70

PROTECTIVE & MARINE COATINGS

ARKEMA COATING RESINS

## 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.

## Performance Benefits

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

## Polymer Type

- Solventborne Acrylic

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	68 - 70
Viscosity at 25°C, mPa.s (ISO 12058-1)	5000 - 10000
Colour, Gardner scale (ISO 4630)	4 max
Acid value, mg KOH/g (ISO 2114)	14 - 18

## Other Characteristics<sup>1</sup>

Volatile	Xylene : methoxy propanol 4:1
Flash point, °C (ISO 3679)	24
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	0.98

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

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

## RECOMMENDATIONS FOR USE

The recommended mixing ratio based on resins as supplied is:

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

## Formulation Guidelines

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.

SYNOCURE®

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & 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 12 months from the shipping date

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**Arkema Coating Resins**

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - [arkemacoatingresins.com](http://arkemacoatingresins.com)

