

SYNOCURE[®] 899 BA 70 LM

PROTECTIVE & MARINE COATINGS

(FORMERLY SYNOCURE[®] 899 LV 70)

Product Application details

SYNOCURE[®] 899 BA 70 LM is a high solids content epoxy acrylic copolymer curing agent designed specifically for use with the Arkema range of SYNOCURE[®] acid and amine functional acrylic resins for the formulation of high quality isocyanate-free 2-component industrial coatings.

SYNOCURE[®] 899 BA 70 LM is a lower molecular weight variant of SYNOCURE[®] 899 BA 60.

When used in combination with the regular solids acrylics, SYNOCURE[®] 890 S 55 and SYNOCURE[®] 895 S 55, benefits of improved solids and reduced VOC can be achieved.

Polymer Type

- Solventborne Epoxy Acrylic Copolymer

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	68 - 72
Viscosity at 25°C, mPa.s (ISO 3219)	450 - 850
Colour, Hazen scale (ISO 6271)	200 max

Other Characteristics¹

Volatile	Butyl acetate
Flash point, °C (ISO 3679)	24
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	1.04
Typical weight per epoxide (Relative to solid resin)	415

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

Maximum high solids benefit and low VOC compliance (< 420 g/l) can be achieved when used with the high solids acrylic, SYNOCURE[®] 892 BA 70. This combination produces low VOC, fast drying 2-component isocyanate free coating systems for high durability enamels suitable for heavy duty, maintenance and transport applications.

The technical data sheets describing SYNOCURE[®] 890 S 55, SYNOCURE[®] 895 S 55 and SYNOCURE[®] 892 BA 70 give details of the recommended mixing ratios and other formulating considerations. Further information on use may be found in the brochure 'Non-Isocyanate Acrylic resins for 2K Coatings' available from Arkema Coating Resins.

SYNOCURE[®] 899 BA 70 LM is designed exclusively for use with the acrylic resins specified and should not be used in other non-isocyanate systems.

SYNOCURE[®] 899 BA 70 LM should only be used in applications consistent with the above recommendations. Proposals to use the resin in any other way should be discussed with Arkema before any action is taken.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOCURE[®] 899 BA 70 LM 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 6 months from the shipping date.

The information contained in this document is based on trials carried out by our Technical centres and data selected from literature, but shall in no event be held or constitute or imply any warranty or undertaking, expressed or implied, or commitment on our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by ARKEMA with regard to the handling, processing or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.



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