

## TECHNICAL DATA SHEET

# SYNOCURE® 899 BA 70 LM

*Epoxy hardener NISO*

### 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.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	68 - 72 %	ISO 3251
Viscosity (25°C)	450 - 850 mPa.s	ISO 3219
Color	200 max Hazen	ISO 6271

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Solvent	Butyl acetate	-
Flash point	24 °C	ISO 3679
Density	1.04 g/ml	ISO 2811
Typical weight per epoxide	415	-

<sup>1</sup>The 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

# SYNOCURE® 899 BA 70 LM

## 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 AND 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. In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

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