

## TECHNICAL DATA SHEET

# ENCOR<sup>®</sup> 3140

*Acrylic dispersion*

### PRODUCT APPLICATION DETAILS

ENCOR<sup>®</sup> 3140 is a self-crosslinking acrylic copolymer emulsion, free from APE surfactants.

ENCOR<sup>®</sup> 3140 is a high performance binder used in top coat formulations for leather shoe upper and upholstery.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (105°C)	39 - 41 %	ISO 3251
pH	7.0 - 8.0	ISO 976
Viscosity (Brookfield RVT, 100rpm, sp2) (23°C)	20 - 150 mPa.s	ISO 2555

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

	CHARACTERISTICS	METHODS
Stabilizing system	A / NI	-
Minimum film formation temperature	< 5 °C	ISO 2115
Glass transition temperature (DSC)	7 °C	-
Density (23°C)	1.04 g/ml	ISO 2811
Average particle size	110 nm	ISO 13321

<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 & APPLICATIONS

#### Coatings & Inks

- Textile & Leather Coating
  - Leather

### PERFORMANCE BENEFITS

- High resistance to dry and wet abrasion
- Good Bally and scrub resistance

# ENCOR<sup>®</sup> 3140

## FORMULATION GUIDELINES

ENCOR<sup>®</sup> 3140 is a medium / hard binder which can be further crosslinked by adding polyisocyanate or poly-aziridine crosslinkers.

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR<sup>®</sup> 3140 should be stored indoors in the original, unopened and undamaged container, in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided. The product is protected to prevent any microbial deterioration during normal conditions of storage but care should be taken to avoid accidental contamination during subsequent handling and processing. In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

Shelf Life (Months): 6

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