

## TECHNICAL DATA SHEET

# ENCOR<sup>®</sup> 2394

*Vinyl versatate dispersion*

### PRODUCT APPLICATION DETAILS

ENCOR<sup>®</sup> 2394 is a vinylacetate copolymer dispersion for intumescent paints.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (105°C)	54 - 55 %	ISO 3251
pH	4.5 - 5.5	ISO 976
Viscosity (Brookfield RVT, 20rpm) (23°C)	3000 - 6000 mPa.s	ISO 2555

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

	CHARACTERISTICS	METHODS
Stabilizing system	CD / A	-
Minimum film formation temperature	11 °C	ISO 2115
Density (20°C)	1.06 g/ml	ISO 2811
Average particle size	250 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

- Architectural Coating
  - Exterior Wall
- Industrial Coating
  - Protective Coating
  - Protective And Marine Coating
  - Wood Furniture

### PERFORMANCE BENEFITS

- APEO free
- Colloid stabilised
- Medium particle size

# ENCOR<sup>®</sup> 2394

## FORMULATION GUIDELINES

### RHEOLOGY

Rheology and viscosity can be controlled using associative thickeners, such as Coapur™ 3025<sup>(1)</sup>, Rheotech™ 2100<sup>(1)</sup> and Rheolate® 278<sup>(2)</sup>.

Cellulosic thickeners, such as Natrosol® 250 HHR<sup>(3)</sup> can also be used.

### OTHER ADDITIVES

A coalescing agent is necessary to ensure a good film formation at low temperature, Texanol™<sup>(4)</sup> or butyldiglycol acetate are suitable.

The use of defoamers is recommended, Foamaster® MO 2134<sup>(5)</sup> is convenient.

<sup>(1)</sup> Coatex, <sup>(2)</sup> Elementis Specialties, <sup>(3)</sup> Ashland Specialty Ingredients, <sup>(4)</sup> Eastman Chemical Company, <sup>(5)</sup> BASF

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR<sup>®</sup> 2394 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.

**Headquarters: Arkema France**  
51, Esplanade du Général de Gaulle  
92800 Puteaux – France  
T +33 (0)1 49 00 80 80

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790