

TECHNICAL DATA SHEET

ENCOR[®] 2394

Vinyl versatate dispersion

PRODUCT APPLICATION DETAILS

ENCOR[®] 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 CHARACTERISTICS¹

	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

¹The 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
 - Protective And Marine Coating
 - Wood Furniture

PERFORMANCE BENEFITS

- APEO free
- Colloid stabilised
- Medium particle size

ENCOR[®] 2394

FORMULATION GUIDELINES

RHEOLOGY

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

Cellulosic thickeners, such as Natrosol[®] 250 HHR⁽³⁾ can also be used.

OTHER ADDITIVES

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

The use of defoamers is recommended, Foamaster[®] MO 2134⁽⁵⁾ is convenient.

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

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR[®] 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.

Headquarter: Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex – France
T +33 (0)1 49 00 80 80

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