

TECHNICAL DATA SHEET

ENCOR[®] 2319

Vinyl Emulsion

PRODUCT APPLICATION DETAILS

ENCOR[®] 2319 is a vinyl versatate dispersion formulated without alkylphenolethoxylates. Low viscosity binder with good wet scrub resistance in matte paints

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	49 - 51 %	ISO 3251
pH	4.0 - 5.0	ISO 976
Viscosity (Brookfield RVT , 20rpm, sp3) (23°C)	300 max mPa.s	ISO 2555

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Stabilizing system	A / NI	
Minimum film formation temperature	15 °C	ISO 2115
Density	1.06 g/ml	ISO 2811
Average particle size	220 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

- Architectural Coating
 - Exterior Wall
 - Interior Wall
- Specialty Coatings

PERFORMANCE BENEFITS

- High binding power
- High resistance to weathering & abrasion

FORMULATION GUIDELINES

RHEOLOGY

Rheology and viscosity can be controlled using associative thickeners, such as Coapur™ 3025 ⁽¹⁾, Rheotech™ 2100 ⁽¹⁾, HYCRYL® 0262 ⁽²⁾, Aquaflow® NHS 300 ⁽³⁾ or Aquaflow® NLS 205 ⁽³⁾ are also suitable.

Cellulosic thickeners, such as Natrosol® 250 HHR or HHBR ⁽⁴⁾ can also be used.

OTHER ADDITIVES

A coalescing agent is necessary to ensure a good film formation at low temperature, Texanol™ ⁽⁶⁾ or butyldiglycol acetate are suitable.

The use of defoamers is recommended, Foamaster® MO 2134 ⁽⁵⁾, Tego Foamex® 1488 ⁽⁷⁾, Bevaloid® 2514 ⁽⁸⁾ are convenient.

Notes: ⁽¹⁾ Coatex, ⁽²⁾ Arkema, ⁽³⁾ Ashland Specialty Ingredients, ⁽⁴⁾ Elementis Specialties, ⁽⁵⁾ BASF, ⁽⁶⁾ Eastman Chemical Company, ⁽⁷⁾ Evonik Tego Chemie GmbH, ⁽⁸⁾ Kemira

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR® 2319 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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