

## TECHNICAL DATA SHEET

# ENCOR<sup>®</sup> 317

*Vinyl Emulsion*

### PRODUCT APPLICATION DETAILS

High performance, low VOC-capable vinyl acrylic binder for interior flat to semigloss coatings that has good touch-up properties and TiO<sub>2</sub> efficiency, and gives scrub resistant, washable films.

### SALES SPECIFICATIONS

|  | CHARACTERISTICS | METHODS |
|--|-----------------|---------|
| Solid content (by weight)                      | 55 %            | -       |
| pH   | 4.5             | -       |
| Viscosity (Brookfield) (#2 LVT @ 30 rpm, 25°C) | < 800 cP        | -       |

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

|   | CHARACTERISTICS | METHODS |
|---|-----------------|---------|
| Minimum film formation temperature      | 10 °C           | -       |
| Glass transition temperature (Midpoint) | 16 °C           | -       |
| Density                                 | 8.9 lbs/gal     | -       |

<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

- Architectural Coating

### PERFORMANCE BENEFITS

- Ability to meet MPI<sup>®</sup> specifications (based on internal studies and testing)
- Improved tint strength performance
- Flat to semi-gloss formulation capability
- Excellent touch up properties and burnish resistance

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR® 317 - When storing and handling follow procedures recommended for polymer dispersions. Use corrosion resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze. Store between 40 to 90 °F (4 -32 °C). Packaged material should be stored indoors in a dry place in the original unopened and undamaged container. Exposure to direct sunlight should be avoided. The product is protected to prevent microbial deterioration during normal storage conditions; however, care should be taken to avoid accidental contamination during subsequent handling and processing. Bulk storage and handling practices are described in the Arkema Latex Storage and Handling Guide. For a copy of this guide contact Arkema.

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