

# ENCOR® 357

Vinyl Acrylic Latex with Improved Block Resistance for Interior Finishes

## Product Benefits

ENCOR® 357 latex is a general-purpose binder that offers broad formulating latitude and improved block resistance compared to standard vinyl-based latexes. This vinyl acrylic polymer offers a cost-effective balance of properties, including good scrub resistance, excellent gloss capability, good thickener response and good touch-up performance.

ENCOR® 357 latex is suitable for use in interior finishes from flat to semigloss. Incorporation of non-VOC coalescing solvents allows the formulator to meet a variety of (0-250 g/L) VOC targets. ENCOR® 357 latex is EnVia® certified.\*

## Polymer Design

- Vinyl acrylic
- No added alkylphenol ethoxylate (APEO) surfactants
- No added formaldehyde or formaldehyde donors<sup>1</sup>

## Performance Benefits

- Exceptional gloss development
- Excellent block resistance
- Good scrub resistance across the PVC range
- Good touch-up performance

## Typical Polymer Properties<sup>2</sup>

Total Solids, % by weight	56.5
Weight per Gallon, lb	9.1
pH Value	5.0
Particle Size, microns	0.3
Viscosity, Brookfield, cP	275
Minimum Filming Temperature, °C	12
Glass Transition Temperature, °C	23

<sup>1</sup>Formaldehyde is a trace mineral in our environment, and there is no accepted regulatory or common definition of "formaldehyde free."

<sup>2</sup>The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

\*These products meet the standards of Arkema Emulsion Systems' EnVia® program. These products are designed to assist formulators in meeting their sustainability and regulatory goals in their finished products.



# ENCOR® 357

Vinyl Acrylic Latex with Improved Block Resistance for Interior Finishes

---

## Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: [www.arkemacoatingresins.com](http://www.arkemacoatingresins.com)

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand, and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

---

## Storage and Handling

Follow procedures typically 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 4-40°C.

---



Arkema Coating Resins  
410 Gregson Dr.  
Cary, NC 27511

Telephone:  
1.800.777.8227

Visit our website:  
[www.arkemacoatingresins.com](http://www.arkemacoatingresins.com)

IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Arkema expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN.** The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

© 2012 Arkema Inc. All rights reserved. 10/12  
ENCOR® is a registered trademark of Arkema Inc  
EnVia® is a registered trademark of Arkema Inc.



is a registered trademark of the American Chemistry Council Inc.