

ENCOR® 309

Vinyl Acrylic Polymer for Architectural Coatings

Product Benefits

ENCOR® 309 latex is a high molecular weight vinyl-acrylic latex designed for architectural coatings where high scrub resistance and exterior durability are of primary importance. It can be used effectively in a wide variety of interior and exterior formulations and across the PVC range from flat to semi-gloss finishes. ENCOR® 309 latex combines enhanced product performance with a latex composition optimized for coatings to help formulators meet regulatory requirements. The excellent balance of properties and composition of ENCOR® 309 latex makes it an excellent candidate for vinyl latex consolidation across a range of PVC and gloss levels. ENCOR® 309 latex is EnVia® certified.*

Polymer Design

- Vinyl acrylic polymer
- EnVia® certified*
- Compatible with many low VOC coalescing solvents to reach 0-50 g/L
- No Alkylphenol Ethoxylate (APE) surfactants
- No added formaldehyde or formaldehyde-donors¹

Performance Benefits

- Outstanding scrub resistance
- Broad formulation capacity
- Excellent exterior durability
- Compatible for blending with many polymer technologies

Typical Polymer Properties²

Total Solids, % by weight	55
Viscosity, cP	<500
pH	5.0
Minimum Filming Temperature, °C	12
Glass Transition Temperature, midpoint, °C	<19
Particle Size, µm	0.3
Density, lb/gallon	9.0
Latex Total VOC, g/L	<5.0

¹ Formaldehyde is a trace material in our environment, and there is no accepted regulatory or common definition of "formaldehyde free."

² 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 Coating Resins' EnVia® program. These products are designed to assist formulators in meeting their sustainability and regulatory goals in their finished products.



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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

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.



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