

# ENCOR® 446

For Use in Adhesives, Barrier Coatings and Cement Admixtures

## Product Benefits

ENCOR® 446 latex is a very low surfactant styrene acrylic latex for use in various construction and adhesive applications. It is useful in applications such as water-resistant construction adhesives, barrier coatings and cement admixtures. ENCOR® 446 latex features high dry-film adhesion to a variety of substrates, including low energy surfaces, and yields tough, flexible films. In addition, it has high solids (62%) and quick water release for fast drying.

## Polymer Design

- Styrene Acrylic Polymer

## Performance Benefits

- High dry film adhesion to a variety of substrates
- Fast drying
- High solids
- Excellent hydrophobicity

## Typical Polymer Properties<sup>1</sup>

Total Solids, % by weight	62
Latex Weight per Gallon, lb	8.8
pH Value	6
Particle Size, μm	0.3
Viscosity, Brookfield, cP	550
Glass Transition Temperature (T <sub>g</sub> ), °C	12
Minimum Film Forming Temperature (MFFT), °C	6

<sup>1</sup>The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

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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](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.



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