

# ENCOR® 3176A

Styrene Acrylic Latex for Elastomeric Coatings

## Product Benefits

ENCOR® 3176A latex is a modified acrylic polymer specifically developed for use as a cost-effective binder for elastomeric coatings. This polymer displays excellent elasticity, weather resistance, and adhesion to many difficult substrates, enabling the formulation of elastomeric coatings for very demanding applications.

## Polymer Design

- Styrene acrylic polymer

## Performance Benefits

- Good alkali resistance
- Low water absorption
- Excellent mechanical stability
- Good Adhesion to difficult substrates
- Low dirt pickup

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

|                                  |      |
|----------------------------------|------|
| Total Solids, % by weight        | 50.0 |
| pH Value                         | 8.0  |
| Particle Size, µm                | 0.2  |
| Viscosity, Brookfield, cP        | 300  |
| Minimum Filming Temperature, °C  | 0    |
| Glass Transition Temperature, °C | -7   |
| Density, lb/gallon               | 8.9  |

<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.



Arkema Coating Resins  
410 Gregson Dr.  
Cary, NC 27511

Telephone:  
1.800.777.8227

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

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