

**PRIMAL™ AC-3195 Acrylic Emulsion**

100% Acrylic Polymer for Interior / Exterior Quality Paints

Regional Product Availability**Asia-Pacific****Description**

PRIMAL™ AC-3195 Acrylic Emulsion is a 100% acrylic polymer that lends itself to a broad spectrum of paint formulations. PRIMAL AC-3195 Acrylic Emulsion offers good abrasion resistance and resistance to ultraviolet radiation. PRIMAL AC-3195 Acrylic Emulsion offers adhesion to a wide range of substrates including masonry, wood, metal and old paint surfaces. PRIMAL AC-3195 Acrylic Emulsion quickly develops hardness and adhesion properties.

PRIMAL AC-3195 Acrylic Emulsion can be formulated in a wide range of paint formulations from high-gloss, semigloss, sheen, to flat paints. PRIMAL AC-3195 Acrylic Emulsion can also be used in cement roof tiles coatings. Because of its versatility, it is possible for paint manufacturers to consolidate their inventory by utilizing PRIMAL AC-3195 Acrylic Emulsion as their general purpose binder.

Key Features

- 100% acrylic polymer composition
- Offers wet and dry adhesion to aged alkyd paints, masonry, wood and metal substrates
- Compatible with a wide variety of pigments and extenders
- Good scrub resistance
- Good response to rheology modifiers
- No added formaldehyde or formaldehyde generators*

Benefits

- Long-term durability and water resistance, resistance to hydrolysis on masonry
- Paint films can withstand wear and tear and cleaning very well
- Good performance over a range of surfaces
- Good paint formulation cost/property balance

Typical Properties

These properties are typical but do not constitute specifications.

Property	Typical Values
Appearance	Milky white emulsion
Solids, by weight, %	50.0
Density (g/ml), wet	1.05
pH	8.8
Minimum Film Formation Temperature ($\pm 2^{\circ}\text{C}$)	16
Viscosity (Brookfield LV #2, 60 rpm), cps	< 300
Stabilization	Surfactant (Anionic)
Storage precautions	Protect from freezing

* Formaldehyde is a ubiquitous material in our environment. Currently there is no accepted regulatory or industry definition of "Formaldehyde-Free." Therefore, we purposely refrain from using the term "Formaldehyde-Free." However, for PRIMAL™ AC-3195 Acrylic Emulsion, we do not intentionally add Formaldehyde or Formaldehyde generators.

Handling Precautions

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Storage

Store products in tightly closed original containers at temperatures recommended on the product label.

Disposal

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Coating Materials Technical Representative for more information.

Chemical Registration

Many countries within the Asia-Pacific require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. Dow does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

Note on Asia-Pacific Product Line

Product availability and grades vary throughout the countries in Asia-Pacific. Please contact your local Dow Coating Materials representative for further information and samples.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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