



PRIMAL™ AC-6501R Acrylic Emulsion

100% Acrylic Polymer for Interior / Exterior Quality Paints

Regional Product Availability

- Asia-Pacific

Description

PRIMAL™ AC-6501R Acrylic Emulsion is a small particle size acrylic latex that offers paint manufacturers a broad spectrum of paint formulations, offering coatings with excellent long-term durability. PRIMAL AC-6501R Acrylic Emulsion offers good abrasion resistance, excellent resistance to ultraviolet radiation, excellent adhesion to masonry, wood, metal and old paint surfaces, very good alkali resistance and great formulating versatility. PRIMAL AC-6501R Acrylic Emulsion is low foaming and quickly develops hardness and adhesion properties.

High-gloss, semigloss, sheen, and flat paints can be formulated with PRIMAL AC-6501R Acrylic Emulsion. In addition, excellent coatings for floors, cement roof tiles, clear coatings and interior broadwall applications can be formulated. Because of its versatility, it is possible for paint manufacturers to consolidate their inventory by utilizing PRIMAL AC-6501R Acrylic Emulsion as their primary binder.

Key Features

- 100% Acrylic polymer composition.
- Excellent scrub resistance.
- Excellent wet and dry adhesion to aged alkyd paints, masonry, wood and metal substrates.
- Compatible with a wide variety of pigments and extenders.
- Excellent response to rheology modifiers.

Benefits

- Excellent long term durability, excellent water resistance, excellent resistance to hydrolysis on masonry.
- Offers formulating versatility. Widely used in texture coatings, marble finishes and high gloss clear glaze finishes.
- Excellent paint formulation cost/property balance.
- Coatings based on PRIMAL™ AC-6501R Acrylic Emulsion are capable of resisting wear after repeated cleaning.

Typical Physical Properties

(These properties are typical but do not constitute specifications)

Property	Typical Values
Appearance	Opaque, white to off-white liquid
Solids, by weight, %	50.0
Density (g/ml), wet	1.08
pH	9.7
Minimum Film Formation Temperature (± 2°C)	17
Viscosity (Brookfield LV #2, 12 rpm), cps	< 1350
Storage precautions	Protect from freezing

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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