



PRIMAL™ R-64N Emulsion

Acrylic-styrene Emulsion Co-polymer for Sealer Applications.

Regional Product Availability

- Asia-Pacific

Description

PRIMAL™ R-64N Emulsion is a small particle size acrylic-styrene emulsion co-polymer designed for sealer applications. PRIMAL R-64N Emulsion has good penetration performance into cement, concrete and masonry substrates and thus offers excellent efflorescence resistance. PRIMAL R-64N Emulsion has a strong binding power that offers excellent adhesion to substrates and inter-coat adhesion to topcoats. Sealers manufactured on PRIMAL R-64N Emulsion offer excellent water resistance, alkali resistance and are suitable for coating chalking surfaces and high PVC putties.

Key Features

- Acrylic-styrene copolymer composition.
- Excellent penetration performance.
- Strong binding power.
- Excellent efflorescence performance.
- Excellent mechanical and calcium ion (Ca^{2+}) stability.

Application

- PRIMAL™ R-64N Emulsion is suggested for the manufacture of sealers used in sealing chalking exterior surfaces.

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, %	35.0
Density, wet, (g/ml)	1.04
pH	8.0
Minimum Film Formation Temperature ($\pm 2^\circ\text{C}$)	0
Glass Transition Temperature, T_g ($\pm 2^\circ\text{C}$)	6
Viscosity (Brookfield LV #1, 60 rpm, 25 °C), cps	< 100
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.

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