



## PRIMAL™ SF-123 Acrylic Emulsion

Very Low Odour Acrylic Polymer for Self Film-Forming Gloss Paints

### Regional Product Availability

- Asia-Pacific

### Description

PRIMAL™ SF-123 Acrylic Emulsion is a very low odour, ambient curing, 100% acrylic polymer for the formulation of block resistant high gloss paints, formulated without coalescent. PRIMAL™ SF-123 Acrylic Emulsion has been developed by the Asia-Pacific technical team.

In addition to its self-cross-linking properties, PRIMAL™ SF-123 Acrylic Emulsion has functionality to react with titanium chelate, resulting in a slightly thixotropic rheology, for optimum brush loading and non-drip rheology, combined with a good balance of flow, film build and sag resistance.

Compared to conventionally coalesced binders, PRIMAL™ SF-123 Acrylic Emulsion offers faster development of hardness and early block resistance.

### Key Features

- Facilitates the manufacture of solvent-free formulations
- Ability to be formulated for thixotropic rheology
- Excellent for formulating very low odour paints.
- APEO-free\*
- Good application properties
- Good gloss potential
- Very good block resistance, stain removal and adhesion properties
- Good exterior durability

### Typical Properties

These properties are typical but do not constitute specifications.

Property	Typical Values
Appearance	Opaque, white to off-white liquid
Solids, by weight, %	44.8
Density, wet, (g/ml)	1.06
pH	8.3
Minimum Film Formation Temperature, ( $\pm 2^{\circ}\text{C}$ )	1
Viscosity (Brookfield LV #3, 30 rpm, 25 $^{\circ}\text{C}$ ), cps	< 1500
Storage precautions	Protect from freezing

\*Manufactured without the use of Alkyl Phenyl Ethoxylate (APEO) surfactants.

## 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

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## Customer Notice

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