



Product Data Sheet

Emulsion E-2353

Waterborne Acrylic Polymer for Industrial Coatings

Introduction

Emulsion E-2353 is a hard, all-acrylic polymer designed for use in factory-applied, waterborne, interior and exterior wood coatings. It has self-crosslinking capability that offers good exterior durability and is recommended for interior/exterior primers and topcoats. If Emulsion E-2353 is too hard for an application, it can be blended with a softer polymer, such as RHOPLEX™ AC-261LF Emulsion. Emulsion E-2353 can also be reacted with melamine formaldehyde resins, the combination of which offers an extremely durable finish, ideally suited for long term warranty applications

Features & Benefits

- Long term exterior durability
- Block resistance
- Water resistance
- Heat age and mechanical stability

Typical Physical Properties

These properties are typical but do not constitute specifications.

Property	Typical Values
Appearance	Opaque, white to off-white liquid
Solids Content, %	45.5
pH	2.3
Viscosity, cP (#2 Spindle @30 rpm, 25°C)	< 250 cP
Weight per U.S. Gallon (wet, lbs/gal)	8.88
Bulking Value (wet), gal/lbs	0.113
Bulking Value (dry), gal/lbs	0.105
MFFT (°C)	30

Potential Applications

- Interior/Exterior Primers
- Interior/Exterior Topcoats
- Doorskin primers

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 Considerations

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 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. The Dow Chemical Company does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

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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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