



PRIMAL™ SCL-371 Emulsion

Medium hardness general purpose acrylic binder

Features & Benefits

- Small particle size, natural aspect as basecoat binder
- Glass temperature = 5–6°C, excellent wet rub support
- Excellent film formation, good flex endurance and adhesion
- Self-crosslinking after film formation, excellent wet flex endurance, good cut-through resistance, good print retention, good solvent resistance

Composition

- PRIMAL™ SCL-371 Emulsion is an acrylic binder crosslinks at typical ambient temperatures

Applications

- PRIMAL™ SCL-371 Emulsion is particularly suited for shoe and furniture basecoat applications to yield extra strength and water resistance

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

DOWB/DOWM ¹	Property	Unit	Result
508019	Appearance		Opaque, white to off-white liquid
102570	Solids content	%	35–36.5
102574	pH		7.5–9.5
	Ionic charge		Anionic
102715	Viscosity	cP	0–20

1. DOWB/DOWM: Corporate Test Method, copies of CTM's are available on request.

Description

PRIMAL™ SCL-371 Emulsion is a medium hardness general purpose acrylic binder particularly suited for shoe and furniture basecoat applications. PRIMAL™ SCL-371 Emulsion crosslinks at typical ambient temperatures to yield extra strength and water resistance.

How to Use

PRIMAL™ SCL-371 Emulsion can be used as the sole resin or as a co-binder with other resins such as PRIMAL™ SCL-400 and PRIMAL™ SB-200. The product when used in combination with PRIMAL™ SCL-400 and (or) PRIMAL™ SB-200 helps to deliver a unique balance of performance and aesthetics, particularly on shoe leathers. Basecoat formulations and compounds utilizing SCL products should be maintained at a pH of 8.5 and above for optimum stability. Additionally, blends or compounds based of SCL products in combination with other resins should be checked for color stability.

**Handling
Precautions**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life and
Storage**

When stored between 1–49°C in the original unopened containers, this product has a usable life of at least 12 months from the date of manufacture. Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

**Packaging
Information**

This product is available in 120 kg drums and 1000 kg IBC package.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

**Health and
Environmental
Information**

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

**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 Technical Representative for more information.

**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.

dow.com

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