



Technical Data Sheet

DOWSIL™ IE-7045 Emulsion

Milky-white silicone emulsion which can be used for polish, release, lubrication purpose with or without dilution. Nonionic version of DOWSIL™ SM 7036 EX Emulsion.

Features & Benefits

- Ready to use emulsion
- Provide gloss, water repellency, slip, release properties on substrates
- Good dilution stability
- Doesn't contain alkylphenylethylene oxide (APEO) in this emulsion

Composition

- Polydimethylsiloxane (350 cSt)
- Nonionic surfactant
- Water
- (Active content: approx. 35%)

Applications

- Ingredient for polish to keep appearance and water repellency, slip
- General purpose release agent
- Textile treatment

Typical Properties

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

Property	Unit	Result
Appearance		Milky white emulsion
pH		5.0–8.0
Non Volatile Content	%	33–37
Recommended Diluent		Water

Description

DOWSIL™ IE-7045 Emulsion is a silicone emulsion which contain polydimethylsiloxane (350 cSt) with non-ion emulsifier system. This emulsion can be used for polish ingredient to provide gloss, slip, and water repellency. The DOWSIL™ IE-7045 Emulsion can be also used for release agent for plastic/ rubber molding. The emulsion can be diluted with water to control apply dosage.

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.

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.

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