



Technical Data Sheet

DOWSIL™ SM 8706 EX Emulsion

Milky white silicone emulsion for hydrophobic treatment

Features & Benefits

- Impart hydrophobicity on material surface
- React with alkoxysilanes
- Good stability with dilution

Composition

- OH functional silicone
- Nonionic surfactants
- Anionic surfactant
- Water
- (Active content: 37%)

Applications

- Glass fiber treatment
- Hydrophobic treatment

Typical Properties

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

Property	Unit	Result
Appearance		Milky-white liquid
pH		6.0–10.0
Non Volatile Content	%	32.0–41.0
Recommended Diluent		Water

Description

DOWSIL™ SM 8706 EX Emulsion is a milky-white emulsion which contains OH functional silicone polymer. Application of this emulsion on glass fiber can impart hydrophobicity which is useful for thermal insulation application. DOWSIL™ SM 8706 EX Emulsion can react with alkoxysilane and can form film on material surface. The DOWSIL™ SM 8706 EX Emulsion can be blended with organic binder such as phenol resin.

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

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