



DOWSIL™ 108F Additive

Silicone emulsion foam control additive

Features & Benefits

- Effective foam control for waterborne systems
- Balanced combination of foam control and compatibility
- Low tendency to cause surface defects, like craters
- Performs at low dosage
- APEO free
- Easy to dose and disperse
- All substances intentionally formulated in DOWSIL™ 108F Additive are listed in Annex 6 Part A or B, of the Swiss ordinance RS 817.023.21 (1). Please always refer to our European Food Profiles for an updated status.

Composition

- Siloxane based antifoam emulsion
- Solvent: water
- Nonvolatile content (NVC): 22.5%

Applications

- Versatile antifoam emulsion for use in water based paints, coating and inks.
- Works in major types of water based resins like acrylics, vinyl acetate/ethyle (VAE dispersions), polyurethane dispersions, and alkyd emulsions.
- This antifoam additive is particularly recommended for premium low PVC coatings, to provide a good density control of the coating formulation while maintaining a good appearance of the final surface.

Typical Properties

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

CTM ¹	Property	Unit	Result
0176 B	Appearance		White liquid
0862 A	NVC	%	22.5
0050 K	Viscosity	mm ² /s	1,600
	Diluent		Water
0007 A	pH		6.0

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

Description	DOWSIL™ 108F Additive is a versatile antifoam active on the reduction of foam generated during the manufacture and application of water based paints, coatings and inks.
How to Use	While dependent upon the coating system and application conditions, the recommended addition level of DOWSIL™ 108F Additive is 0.1% to 1% as received to total coating formulation.
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 5°C and 35°C in the original containers, this product has a usable life of 12 months from the date of production. Refer to product packaging for "Use By" date.
Packaging Information	This product is available in 120 ml sample, 20 kg pails, 200 kg drums and 1000 kg IBC.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Health and Environmental Information	<p>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.</p> <p>For further information, please see our website, dow.com or consult your local Dow representative.</p>
Disposal Considerations	<p>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.</p> <p>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.</p>
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

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

