



## DOWSIL™ 109F Additive

Highly efficient antifoam for architecture coatings

### Features & Benefits

- Highly efficient antifoam and defoamer at low concentration levels
- Low tendency to cause craters
- No impact to interfacial adhesion

### Composition

- Silicone antifoam emulsion

### Applications

- DOWSIL™ 109F Additive has been successfully applied in waterborne architecture coatings.
- DOWSIL™ 109F Additive is particularly suitable to be used as antifoam in architecture varnish, clear base coat, multicolor paint and water resistance paint with low tendency to cause craters.

### Typical Properties

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

Property	Unit	Result
Solid content	%	9–12.5
Emulsifier type		Non-ionic/anionic
Viscosity at 25°C	cP	50–500

### Description

DOWSIL™ 109F Additive is a 9–12.5% solid silicone emulsion. It can be used in low to high PVC architecture coatings to control the foam efficiently.

### How to Use

DOWSIL™ 109F Additive is recommended for use at 0.1–0.3% as supplied, based on total formulation. The amount to use will vary depending on customers' formulation and should be checked before industrial use.

DOWSIL™ 109F Additive is recommended to be added during let down.

DOWSIL™ 109F Additive has low viscosity. It can be added directly without dilution.

**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 and 40°C (41 and 104°F), DOWSIL™ 109F Additive has a shelf life of 12 months from date of manufacture. Refer to product packaging for "Use By" date.

**Packaging  
Information**

This product is available in 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**

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](http://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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