

SiSiB® DF1098 Silicone Defoamer

INTRODUCTION

SiSiB® DF1098 is a highly efficient silicone-based defoamer containing hydrophobic particle-modified polysiloxanes. It provides excellent foam control and defoaming performance, particularly in high-solids, solvent-free systems and high-build epoxy coatings, UV-curable coatings, as well as adhesives and printing inks. It effectively suppresses and rapidly eliminates foam during production and application, ensuring improved surface appearance and coating performance.

FEATURES & BENEFITS

- Strong and efficient defoaming and anti-foaming
- Effective in high-viscosity systems
- Eliminates bubbles, ensuring smooth film appearance
- Performs well in high-solids, solvent-free, UV, and adhesive systems
- Low dosage, high activity, cost-effective

PHYSICAL PROPERTIES

Appearance	Translucent liquid
Active component (%)	Min. 99.0
Density (20°C, g/cm ³)	0.96-1.00

These values are typical and are not intended for use as specifications.

APPLICATIONS

- Epoxy floor coatings (especially solvent-free, high-build systems)
- High-solids and solvent-free epoxy coatings
- UV-curable coatings
- Adhesives
- Screen inks, UV inks, and transfer inks

In these systems, SiSiB® DF1098 effectively suppresses foaming under high-viscosity and high-build conditions, ensuring smooth and uniform film surfaces.

RECOMMENDED DOSAGE

Recommended dosage is 0.01-1.0% of the total formulation.

For optimal defoaming performance, it is advised to add the product before mixing. If added later, thorough stirring is required to ensure proper dispersion. In pigmented coatings, it is recommended to incorporate together with pigment grinding. Due to its high activity, it may be pre-diluted

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to 10% with aromatic solvents before addition, and should be used immediately to avoid sedimentation.

PACKING

SiSiB® DF1098 is supplied in 25KG, 200KG drum or 1000KG IBC tote.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

SiSiB® DF1098 should be stored in a dry, well-ventilated environment. The product has a shelf life of one year under proper storage conditions. Protect from moisture and frost to maintain product stability and performance.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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