

# SILFOAM® SC 270

## **Silicone Based Defoamer for Water Based Paint System, Printing Inks and adhesives**

SILFOAM® SC 270 is an organo-modified silicone-based antifoam compound, it is water dispersible and designed to control foam in a variety of aqueous paint, printing ink, dyes, and adhesives.

### Properties

#### Features

- Compatible and stable in water-based paint system.
- Effectively eliminates all macro and micro foams for high gloss paints having low PVC range.
- Does not affected by temperature or pH
- Doesn't cause any surface defects like cissing on coating surface while using SILFOAM® SC 270.
- Doesn't require any additional dispersing agent to solubilize the antifoam in mill base paint system.
- Completely free from any APEO based surfactant system.
- Doesn't allow in filler sedimentation.
- Non-toxic and non-hazardous in nature.
- Free from solvent

## Technical data

### Properties

Property	Condition	Value	Method
Appearance	-	Colorless clear to light yellow	Visual
pH	-	4.5 – 6.5	Indicator strip
%NVM	(150°/0.5 gm/SOM-4)	>90	Halogen moisture analyzer

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms & conditions always take precedence. The disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

### Application details

SILFOAM® SC 270 is suitable for pigmented high gloss paint system containing acrylate or styrene-acrylate resin system with a lower PVC range. Effective for wood coating formulations based on acrylic or urethane. Also, for hybrid coating system SILFAOM® SC 270 is found to be very effective.

SILFOAM® SC 270 is advised to be added at high shear stage in order to avoid localization of the defoamer compound and effective elimination of microfoam. In general, 0.05 to 0.8% dosage of SILFOAM® SC 270 by weight on the total finished product is sufficient for excellent result. Based on requirement and performance target an additional dosing of 0.03 – 0.09% can be added at let down stage after thickener addition.

Please shake the material well before use.

### Packaging, Storage, and shelf life

#### Packaging

- 35 Kg Jerrycan
- 200 Kg Drum

#### Storage & shelf life

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

**For technical, quality or product safety questions, please contact:**

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