

# SILFOAM<sup>®</sup> SE 40



## Silicone Antifoam Emulsions

SILFOAM<sup>®</sup> SE 40 is a relatively heat-resistant, viscous, non-ionic antifoam emulsion.

### Properties

Conventional defoaming emulsions often form slightly oily deposits under the effect of heat during use. SILFOAM<sup>®</sup> SE 40, on the other hand, is extremely stable, even at temperatures around boiling point.

### Special features

- Defoaming
- Dilutable with water

## Technical data

### General Characteristics

Property	Condition	Value	Method
Active ingredients content	-	approx. 10 %	-
Appearance	-	milky, white	-
Density	20 °C	approx. 1 g/cm <sup>3</sup>	DIN 51757
Ionogenicity	-	nonionic	-
Recommend dosage	-	0.05 - 15 g/l	-
Solid content	-	approx. 15 %	-
Viscosity, dynamic	25 °C	approx. 2000 - 7000 mPa·s	-
pH	-	6 - 8	-

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 and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Antifoams for Textile Finishing

### Application details

SILFOAM® SE 40 is usually admixed with the formulations or liquors to be defoamed before the process begins, and extra may be added as necessary during the course of the process. To improve the accuracy of metering, SILFOAM® SE 40 can be prediluted with cold water in a ratio of 1:5 to 1:10. Preliminary tests should be carried out to ensure that SILFOAM® SE 40 is suitable for the application and to determine the amount required.

SILFOAM® SE 40 can be used in closed systems at a pH of between 3 and 11, and from ambient temperature up to 130 °C. SILFOAM® SE 40 is therefore generally recommended for critical systems, especially high-temperature and jet dyeing systems, in which it acts as a foam suppressant and deaeration agent. Apart from textile applications, it can also be used in processes that would be contaminated by the oily deposits formed when conventional antifoam agents are subject to effects such as heat, shearing or general compatibility problems.

## Packaging and storage

### Packaging

SILFOAM® SE 40 is available in

- 200 kg drums
- 950 kg IBC

### Storage

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>.

## QR Code SILFOAM® SE 40



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

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