

# FoamStar® SI 2280

(old : Efka® 2580)



The Chemical Company

## general

defoamer

FoamStar® SI 2280 is a member of a family of products designed to be used as defoamers in water-based coating systems and pigment concentrates. One of the unique properties of this family of defoamers is the ease of incorporation under low-shear conditions without causing negative side effects in the final paint film. Another strong property is the high-shear stability of these defoamers, which makes them extremely suitable to be used in high-shear processing such as grinding, stirring and pumping.

## chemical nature

modified polydimethyl siloxane

## Properties

### physical form

colorless liquid

### shelf life

The product should be protected from frost and stored in a cool dry place (0 – 45 °C [32 – 113 °F]). When kept in original unopened containers, it will keep up to 4 years.

### typical properties (no supply specification)

solvent	none (100% active ingredients)
density at 20 °C (68 °F)	~ 1.01 g/cm <sup>3</sup>
refractive index	~ 1.450
flash point	> 100 °C (212 °F)

## Application

FoamStar® SI 2280 is especially designed to be used in

- water-based acrylic systems
- low PVC-dispersion paints
- alkyd/polyurethane systems

### recommended concentrations

baking systems	0.1–0.5% on total formulation
other systems	0.5–1.0% on total formulation
mill base	0.5–1.0% on total formulation

FoamStar® SI 2280 can be incorporated in the mill base before adding the pigments or post-added to the final paint. Best results are achieved using 50% of the total required amount of FoamStar® SI 2280 to the millbase before the dispersion process and the remaining part during letdown.

**Safety**

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

**Note**

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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