

FoamStar® SI 2292

(old: Dehydran® 1293)



general

Defoamer and de-aerating agent for purely aqueous coatings and coatings containing co-solvents based on polymer emulsions applied by the methods to the substrates listed below:

application method	curtain coating
	spraying
	dipping
	rolling
	brushing
substrate	wood
	wood products
	metal

Its long-term defoaming effect makes it suitable for emulsion and suspension polymerization, particularly in the manufacture of PVC, vinyl acetate and acrylic emulsions. FoamStar® SI 2292 may be used during polymerization and monomer stripping.

chemical nature

solution of a specially modified polydimethyl siloxane

Properties

physical form

colorless to slightly yellow liquid

shelf life

When stored under the usual appropriate storage conditions, the product can be stored for 2 years.

typical properties (no supply specification)

solids content	~ 9 %
density at 20 °C (68 °F)	~ 0.91 g/cm ³
Brookfield viscosity at 23 °C (73 °F)	~ 10 mPa . s

Application

FoamStar® SI 2292 is recommended for emulsion paints based on pure acrylates and acrylic copolymers as well as for wood coatings based on acrylates and polyurethane emulsions.

recommended concentrations

The optimum dosage depends on the individual formulation and should be determined in appropriate tests. Generally the use level in 0.5 – 3.0% calculated on the total batch.

To ensure maximum performance, FoamStar® SI 2292 should be added to the batch as the final ingredient, stirring intensely. In the manufacture of paints, part of the total defoamer quantity may be added to the mill base or the premix.

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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