

FoamStar[®] ED 2522

(old: DEHYDRAN[®] SE2)



The Chemical Company

general FoamStar[®] ED 2522 is a high performance, ultra-low SVOC silicone emulsion defoamer for premium water based paints, clear coats and inks.

chemical nature Emulsion of organo-modified silicones

Properties

physical form white liquid

shelf life Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months.

**typical properties
(no supply specification)**

solid content	~ 19%
density at 20 °C (68 °F)	~ 1 g/cm ³
Brookfield viscosity at 23 °C (73 °F)	~ 2.500 mPa . s

Application

FoamStar[®] ED 2522 is a universal, VOC-free and ultra-low SVOC, silicone emulsion defoamer specifically designed for the following applications:

- premium waterbased architectural paints
- industrial coatings
- wood coatings
- printing inks and over print varnishes (OPVs)

the main benefits of Dehydran[®] SE2 are:

- excellent foam suppression during the grinding process as well as during application.
- retains antifoam efficiency even during long storage
- easy to incorporate, without usage of strong shear forces
- suitable for pigmented systems and clear coats
- minimizes gloss reduction

FoamStar[®] ED 2522 is VOC free acc. To EU 2004/42 and EPA 24 (US) and has an ultra-low S-VOC content.

recommended concentrations

the amount of defoamer to be used is usually between 0.1 - 1.0% on total formulation.

ideally, FoamStar® ED 2522 is being added in a early stage of production (e.g. during grinding) . To get optimum results in pigmented systems use up to 2/3rd of the total amount of FoamStar® ED 2522 in the grinding step and add 1/3rd to the let-down.

Safety

When handling these products, 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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