

TEGO® Antifoam 288

TEGO® Antifoam 288 is an antifoam emulsion based on organo-modified siloxanes.

Physical properties

Appearance	white emulsion
Active content	20 %
Density (20 °C)	approx. 1.0 g/cm ³
Viscosity, dynamic (25 °C)	600 – 1000 mPas
pH-value (25 °C, as delivered)	6 – 8

Application

TEGO® Antifoam 288 provides reliable foam control and excellent long-term efficiency especially in pressure sensitive adhesives. It may also be used in aqueous media, as well as in the processing and application of polymer dispersions, emulsions and a multitude of other industrial applications (e. g. industrial and household cleaners) where the use of traditional silicone oil based antifoams is restricted for certain reasons.

Benefits

The special raw material of TEGO® Antifoam 288 provides an unique product profile that combines excellent efficiency with maximum compatibility at the same time.

Furthermore undesirable effects associated with silicone based antifoams (silicone spotting, fish eyes) can be eliminated in most applications.

The TEGO® Antifoam product range exceeds customer requirements according to:

- Foam formation during compounding of a final formulation
- Foam formation during the application of the adhesive and good compatibility
- Inadequate storage stability

Dosage

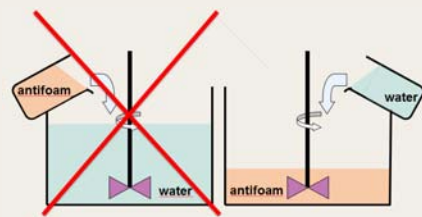
TEGO® Antifoam 288 is easily dispersible in water and may therefore be applied as delivered. However, in most applications it is beneficial to apply TEGO® Antifoam 288 pre-diluted (1 : 1 to 1 : 10).

Depending on the application in question the required dosage may vary over a wide range (0.05 to 0.2 %). Suitable screening tests are therefore recommended (initial dosage: 0.1 %).

Handling

The product has to be stirred before use.

Dilution of TEGO® Antifoam 288 may be prepared by adding the desired amount of water to TEGO® Antifoam 288 while stirring gently at low shear rates.



Pre-dilutions have to be stirred gently if possible and used within several hours.

Food Contact Status

BfR Recommendations

TEGO® Antifoam 288 complies with the XIVth BfR Recommendation.

Polymer Dispersions that comply with the XIVth Recommendation may be further used as production auxiliary according to the BfR Recommendation XXXVI under B. I. 10.

FDA Regulations

TEGO® Antifoam 288 complies with 21 CFR 176.210 (Defoaming agents used in the manufacture of paper and paperboard) and 21 CFR 175.105 (Adhesives).

European Regulation 10/2011 and amendments

Detailed information is available on request.

Registration status

The components of TEGO® Antifoam 288 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, NECSI

Storage stability

TEGO® Antifoam 288 is stable in closed containers for a minimum of 6 months.

TEGO® Antifoam 288 must be stored in frost-free conditions.

Packaging

210 kg plastic drums (840 kg each pallet)

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

07/2015

Trademark notice and legal notice

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(Status: July 2015)

Evonik Nutrition & Care GmbH

Goldschmidtstr. 100, 45127 Essen, Germany

Phone Europe +49 201 173-2665, Asia +86 21 61191 125, Americas +1 804 727 0700

interface-performance@evonik.com, www.evonik.com/interface-performance