

Product Information

TEGO ANTIFOAM 2-42

PRODUCT DESCRIPTION

TEGO® Antifoam 2-42 is an antifoam emulsion based on organo-modified siloxanes.

Typical Properties

Property	Unit	Value
Appearance		white emulsion

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

TEGO® Antifoam 2-42 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.

Product Composition

Product Composition	Unit	Value
Active Content	wt%	18-22

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

The special raw materials of TEGO® Antifoam 2-42 provide an unique product profile that combines excellent efficiency with maximum compatibility at the same time.

These properties cannot be achieved with organic or traditional silicone oil-based antifoams.

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
- Inadequate storage stability

DOSAGE

In most applications it is beneficial to apply TEGO® Antifoam 2-42 pre-diluted in water (1 : 1 to 1 : 10).

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

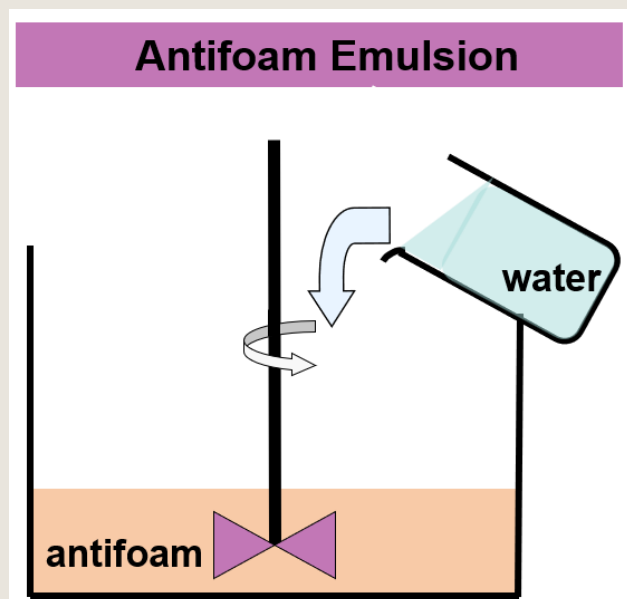
HANDLING & PROCESSING

Dilution of TEGO® Antifoam 2-42 may be prepared by adding the desired amount of water to TEGO® Antifoam 2-42 while stirring gently at low shear rates.

The pre-dilution will shorten the storage stability. 1 : 1 dilutions prepared as described above are stable for several

days. 1 : 10 dilutions should be processed within several hours.

The product has to be stirred before use.



PACKAGING

210 kg plastic drums

1 000 kg containers

STORAGE

TEGO® Antifoam 2-42 must be stored under frost free conditions and below a temperature of 30°C.

SHELF LIFE

TEGO® Antifoam 2-42 is stable in closed containers for a minimum of 6 months.

The shelf life period can be subject to prolongations based on reapprovals in accordance with the established Evonik ISO 9001 quality management process.

HAZARDOUS SUBSTANCE

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.

REGISTRATION LISTING SUMMARY

The relevant components of TEGO® Antifoam 2-42 are listed/ registered or exempt in the following chemical inventories.

Registration Listings

Registry	Status
Australia (AIIC)	Yes
Canada (DSL)	Yes
Switzerland (ChemO)	Yes
China (IECSC)	Yes
Eurasian Economic Union (EAEU-REACH)	Yes
EU (EINECS/ELINCS)	Yes
EU (REACH)	Yes
UK (UK-REACH)	Yes
Japan (ENCS)	Yes
South Korea (KECL)	Yes
For the K-Reach status, please ask us for the Korean Letter Of Conformity (K-LOC).	
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Türkiye (KKDIK)	Yes
Taiwan (TCSI)	Yes
USA (TSCA)	Yes
Vietnam (NCI)	Yes

FOOD CONTACT COMPLIANCE

The status of this product is available on request.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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