

TEGO® Foamex 7447

defoamer emulsion

Application recommendations

	0	1	2	3	4	5
Brush application/roller application	■					
Airless spraying	■					
Compressed air spraying	■					
Flexo/gravure printing	■					
Dip coating, flow coating, curtain coating	■					
Flooring	■					

0 = unsuitable...5 = highly suitable

Special features

Let-down defoamer for low pigment content formulations and clearcoats, easily incorporated, especially for formulations based on pure acrylates and styrene-acrylates.

Suitability for

waterborne	solventborne
●	○
2-pack 100 %	radiation-curing
○	○
clear coat	pigmented
●	●

● = suitable ... ○ = not suitable

Addition to

grinding stage	let-down stage
●	●

● = suitable ... ○ = not suitable

Recommended addition level

As supplied calculated on total formulation: 0.1 - 1.0 %

Processing instructions

- Prior to use mix briefly with low shear-forces.
- Addition during the let-down procedure is recommended.
- Addition as supplied is recommended.
- The long-term effectiveness of the defoamer is dependent on the formulation and should be tested in the individual formulation (different temperatures are suggested).
- Post addition to the coating is also possible.

Formulation advices

More effective alternatives: TEGO® Foamex 1488, TEGO® Foamex 822

Dilution

- Dilutable with water.
- The dilution has a limited storage stability.
- Due to stability reasons emulsion may not be diluted with organic solvents.

Chemical description

emulsion of a polyether siloxane copolymer, silica-free

Technical information

- appearance white, thixotropic liquid
- non-volatile content approx. 24 %
- solvent water
- pH (10 %) approx. 8

Suitability for food contact

- The additives/monomers/solvents of TEGO® Foamex 7447 are listed on the A lists of the Swiss Ordinance 817.023.21, Annex 6.
- The components of TEGO® Foamex 7447 are listed in the BfR Recommendation XIV.
- Detailed information on the 10/2011 status is available on request.
- TEGO® Foamex 7447 can be used in compliance with FDA Regulation 21 CFR 175.105.

Registration status

TEGO® Foamex 7447 respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, ENCS, IECSC, PICCS, TSCA, NZIOC, TCSI.

All intentional ingredients are listed on the DSL (Domestic Substance List) inventory or have been notified pursuant to the NSN (New Substances Notification) regulations.

All intentional ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Further information on regulatory topics can be found on the Regulatory Data Sheet.

All intentional ingredients are listed on the ECL inventory or comply with the Polymer Exemption criteria.

All intentional ingredients are listed on the PICCS inventory or comply with the Polymer Exemption criteria.

Packaging

- plastic canister 30 kg
- plastic L-ring drum 210 kg

Storage stability

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture.

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. (Status: 11/2015)

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