

TEGO® Foamex 825

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

Strong defoaming, also for polyurethane-acrylate binders, well suited for use in combination with TEGO® Foamex 810.

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 may be either in the grind or during the let-down procedure.
- 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).

Formulation advices

More effective alternatives: TEGO® Foamex 1488, TEGO® Foamex 855.
Alternatives with better compatibility: TEGO® Foamex 822, TEGO® Foamex 805

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, contains fumed silica

Technical information

- appearance white, thixotropic liquid
- non-volatile content approx. 26 %
- solvent water

Suitability for food contact

- The additives/monomers/solvents of TEGO® Foamex 825 are listed on the A lists of the Swiss Ordinance 817.023.21, Annex 6.
- Detailed information on the BfR- and 10/2011 status is available on request.
- TEGO® Foamex 825 can be used in compliance with FDA Regulation 21 CFR 175.105.

Registration status

TEGO® Foamex 825 respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, ENCS, IECSC, PICCS, TSCA, 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
- container 1000 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.

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