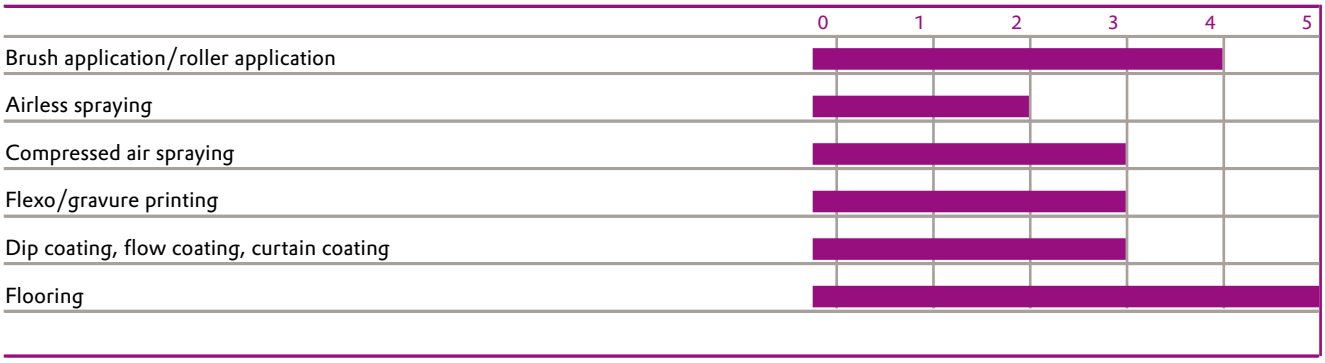
TEGO® Foamex 815 N

defoamer emulsion

Application recommendations



0 = unsuitable...5 = highly suitable

Special features

Strong defoaming with very good compatibility, widely applicable, particularly in formulations based on acrylate, styrene-acrylate or 2-pack epoxy binders.

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 822, TEGO® Foamex 823.
Alternatives with better compatibility: 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. 24 %
- solvent	water

Suitability for food contact

- The additives/monomers/solvents of TEGO® Foamex 815 N are listed on the A and B lists of the Swiss Ordinance 817.023.21, Annex 6.
- Detailed information on the BfR- and 10/2011 status is available on request.

Registration status

TEGO® Foamex 815 N 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.

Evonik Resource Efficiency GmbH · Goldschmidtstrasse 100 · 45127 Essen · Germany · PHONE +49 201 173-2222 · FAX +49 201 173-1939 · www.tego.de