

TEGO® Foamex 840

defoamer concentrate

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. For use in millbase and let-down. Good long-term effectiveness.

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

Solubility in

water	ethanol
○	●
TPGDA	butyl acetate
⦿	●
white spirit	
●	

● = clear soluble, ⦿ = cloudy but stable, ○ = insoluble

Recommended addition level

As supplied calculated on total formulation: 0.05 - 0.5 %

Processing instructions

- Addition may be either in the grind or during the let-down procedure.
- Addition during the let-down or in clears requires high shear conditions or predilution.
- 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 3062, TEGO® Foamex 8050. Alternatives with better compatibility: TEGO® Foamex 810, TEGO® Foamex 860

Chemical description

polyether siloxane copolymer, silica-free

Technical information

- appearance clear liquid
- active matter content 100 %

Suitability for food contact

- The additives/monomers/solvents of TEGO® Foamex 840 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.

Registration status

TEGO® Foamex 840 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 pail 25 kg
- steel drum with bung 200 kg

Storage stability

When stored in an original unopened packaging between -40 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

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