

TEGO® Foamex 842

defoamer solution

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

Very 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: 0.1 - 1.0 %

Processing instructions

- Addition may be either in the grind or during the let-down procedure.
- Addition to the coating as supplied or as a predilution is possible.
- 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 883, TEGO® Foamex 3062. Alternatives with better compatibility: TEGO® Foamex 810

Chemical description

solution of a polyether siloxane copolymer, silica-free

Technical information

- | | |
|-------------------------|------------------------------------|
| - appearance | clear liquid |
| - active matter content | approx. 60 % |
| - solvent | dipropylene glycol monomethylether |

Suitability for food contact

- The additives/monomers/solvents of TEGO® Foamex 842 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 842 respectively its ingredients are listed in the following chemical inventories: DSL, EINECS, ENCS, NDSL, 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.

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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