

TEGO® Flow ZFS 460

flow and leveling additive

Effects

	0	1	2	3	4	5
Flow promotion						
Slip effect						
Anti-crater effect						
Defoaming effect						

0 = unsuitable...5 = highly suitable

Special features

Good flow promotion with deaerating in solventborne systems. Does not affect the surface energy.

Suitability for

waterborne	solventborne
<input type="radio"/>	<input checked="" type="radio"/>
2-pack 100 %	radiation-curing
<input checked="" type="radio"/>	<input type="radio"/>
clear coat	pigmented
<input checked="" type="radio"/>	<input checked="" type="radio"/>

● = suitable ... ○ = not suitable

Lacquer coat

primer/basecoat	topcoat
<input checked="" type="radio"/>	<input checked="" type="radio"/>

● = suitable ... ○ = not suitable

Solubility in

water	ethanol
<input type="radio"/>	<input type="radio"/>
TPGDA	butyl acetate
<input checked="" type="radio"/>	<input checked="" type="radio"/>
white spirit	
<input type="radio"/>	

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

Recommended addition level

As supplied calculated on total formulation: 0.2 - 0.7 %

Processing instructions

Addition to the coating as supplied or as a predilution is possible.

Formulation advices

Alternative deaerating flow additive: TEGO® Glide B 1484

Chemical description

solution of a polyacrylate

Technical information

- appearance clear liquid
- active matter content approx. 70 %
- solvent xylene
- viscosity at 25 °C approx. 200 mPa s

Suitability for food contact

- The additives/monomers/solvents of TEGO® Flow ZFS 460 are listed on the A and B lists of the Swiss Ordinance 817.023.21, Annex 6.
- TEGO® Flow ZFS 460 can be used in compliance with FDA Regulation 21 CFR 175.300.

Registration status

TEGO® Flow ZFS 460 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

steel canister 25 kg

Storage stability

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

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