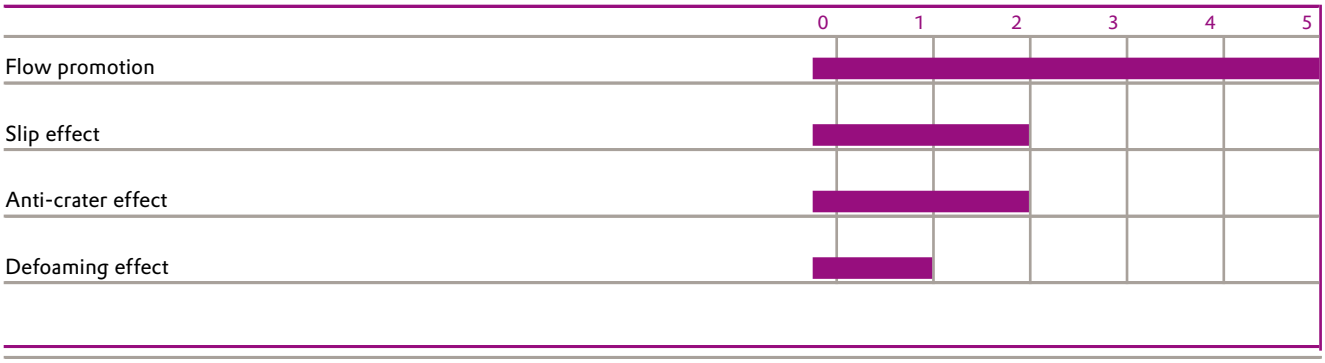
TEGO® Flow 425

flow and leveling additive

Effects



0 = unsuitable...5 = highly suitable

Special features
Universally applicable for flow promotion. Recoatable.

Suitability for

waterborne	solventborne
◐	●
2-pack 100 %	**radiation-curing**
◐	●
clear coat	**pigmented**
●	●

● = suitable ... ○ = not suitable

Lacquer coat

primer/basecoat	topcoat
●	●

● = 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 - 0.5 %

Processing instructions
- Addition to the coating as supplied or as a predilution is possible.
- Predilution in a suitable solvent simplifies dosage and incorporation.
- In alkaline or acidic media the long-term effectiveness of the product should be checked.
- Haziness caused by low temperatures can be eliminated by warming the product. This does not affect the performance properties of the product.

Formulation advices
Alternatives for flow: TEGO® Glide 100 for solventborne systems, TEGO® Wet 270 for UV systems

Chemical description
polyether siloxane copolymer

Technical information

- appearance	clear liquid (becomes hazy and thickens at temperatures below 18 °C, returns to clear and pourable after warming)
- active matter content	100 %
- viscosity at 25 °C	approx. 100 mPa s

Registration status
TEGO® Flow 425 respectively its ingredients are listed in the following chemical inventories: 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 drum with cover 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.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.
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