

TEGO® Wet 270

substrate wetting and anti-crater additive

Effects

	0	1	2	3	4	5
Substrate wetting						
Anti-crater effect						
Flow promotion						
Low foam						

0 = unsuitable...5 = highly suitable

Special features

Excellent anti-crater effect with flow promotion in waterborne, solventborne and radiation-curing formulations.

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 - 1.0 %

Processing instructions

- Haziness caused by low temperatures can be eliminated by warming the product. This does not affect the performance properties of the product.
- Addition to the coating as supplied or as a predilution is possible.
- Addition at the let down stage is recommended.

Formulation advices

Alternative for waterborne coatings: TEGO® Twin 4100

Chemical description

polyether siloxane copolymer

Technical information

- active matter content 100 %

Suitability for food contact

- The additives/monomers/solvents of TEGO® Wet 270 are listed on the A lists of the Swiss Ordinance 817.023.21, Annex 6.
- The components of TEGO® Wet 270 are listed in the BfR Recommendation XIV.
- The components of TEGO® Wet 270 are listed in the BfR Recommendation XV.
- The components of TEGO® Wet 270 are listed in the Regulation (EU) 10/2011.

Registration status

TEGO® Wet 270 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.

Storage stability

When stored in an original unopened packaging between -10 and +40 °C, the product has a shelf life of at least 24 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. (Status: 05/2017)

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