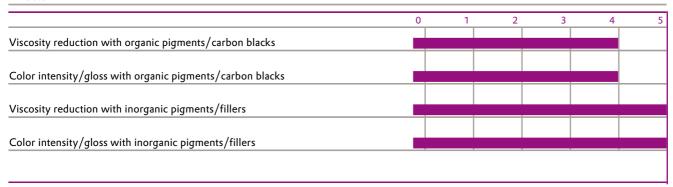
TEGO® Dispers 670

pigment-wetting and dispersing additive

Effects



0 = unsuitable...5 = highly suitable

Special features

For resin-containing and resin-free organic, inorganic and carbon black pigment dispersions. Very strong reduction of viscosity, particularly with inorganic pigments.

Suitability for

waterborne	solventborne
0	•
2-pack 100 %	radiation-curing
0	0
direct grind	resin-based pigment concentrates
•	•
resin-free pigment concentrates	universal pastes
•	0

■ = suitable ... () = not suitable

Solubility in

water	ethanol	
0	0	
TPGDA	butyl acetate	
•	•	
white spirit		
0		

lacklacklack = clear soluble, lacklacklack = cloudy but stable, lacklack = insoluble

Recommended addition level

As supplied calculated on inorganic pigment: 5.0 - 40.0 % As supplied calculated on organic pigment: 15.0 - 40.0 % As supplied calculated on carbon black: 40.0 - 90.0 % Recommended addition level for co-grind: 0.5 - 3.0 %

Processing instructions

Add to the grind before dispersion.

Formulation advices

Solvent-free alternative particularly for carbon black dispersions and for high-solids formulations: TEGO® Dispers 685

Chemical description

solution of a high molecular weight polymer

Technical information

- appearance clear to slightly hazy liquid (product properties are not affected by haziness)
- active matter content approx. 40 % dibasic ester, aromatic-free / methoxypropylacetate 1 : 1
- viscosity at 25 °C approx. 120 mPa s

Suitability for food contact

The additives/monomers/solvents of TEGO® Dispers 670 are listed on the A and B lists of the Swiss Ordinance 817.023.21, Annex 6.

Registration status

TEĞO® Dispers 670 respectively its ingredients are listed in the following chemical inventories: ECL, EINECS, NDSL, PICCS, TSCA, NZIOC, TCSI.

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

- container 1000 kg
- steel drum with bung 200 kg
- plastic pail 25 kg

Storage stability

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

Turbidity may occur at temperatures below 10 °C, product becomes liquid again after warming. Product properties are not affected by this process.

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: 11/2015)