

TEGO® Dispers 689

pigment-wetting and dispersing additive

Effects

	0	1	2	3	4	5
Viscosity reduction with organic pigments/carbon blacks						
Color intensity/gloss with organic pigments/carbon blacks						
Viscosity reduction with inorganic pigments/fillers						
Color intensity/gloss with inorganic pigments/fillers						

0 = unsuitable...5 = highly suitable

Special features

Promotes incorporation of matting agents in radiation-curing formulations. Enables strong matting effect.

Suitability for

waterborne <input type="radio"/>	solventborne <input checked="" type="radio"/>
2-pack 100 % <input checked="" type="radio"/>	radiation-curing <input checked="" type="radio"/>
high solids <input checked="" type="radio"/>	direct grind <input checked="" type="radio"/>
resin-based pigment concentrates <input checked="" type="radio"/>	resin-free pigment concentrates <input type="radio"/>

● = suitable ... ○ = not suitable

Solubility in

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

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

Recommended addition level

As supplied calculated on matting agent: 2.5 - 7.5 %

Processing instructions

- Add to the grind before dispersion.
- Please mix the additive with monomer/oligomer blend prior to addition of solid particles.
- Hazeiness caused by low temperatures can be eliminated by warming the product. This does not affect the performance properties of the product.

Chemical description

high molecular weight polymer

Technical information

- appearance clear liquid
- active matter content 100 %

Registration status

TEGO® Dispers 689 respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, 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.

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 +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

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