

TEGO® Dispers 710

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

Broadly compatible wetting and dispersing additive especially for organic and carbon black pigments.

Suitability for

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

● = 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 inorganic pigment: 5 - 40 %

As supplied calculated on organic pigment: 15 - 40 %

As supplied calculated on carbon black: 40 - 90 %

Recommended addition level for co-grind: 0.3 - 3.0 %

Processing instructions

Add to the grind before dispersion.

Formulation advices

- Alternative for stronger viscosity reduction with organic pigments and carbon blacks: TEGO® Dispers 671
- Alternative for stronger reduction of viscosity with inorganic pigments: TEGO® Dispers 670
- Starting point formulations for the production of pigment concentrates are available upon request.

Chemical description

solution of a basic urethane copolymer

Technical information

- | | |
|-------------------------|---|
| - appearance | clear to slightly hazy liquid |
| - active matter content | approx. 35 % |
| - solvent | butyl acetate /
methoxypropylacetate 3 : 7 |

Registration status

TEGO® Dispers 710 respectively its ingredients are listed in the following chemical inventories: DSL, ECL, EINECS, ENCS, IECSC, 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.

Packaging

- steel can 25 kg
- steel drum with bung 200 kg

Storage stability

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

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