

TEGO® Dispers 765 W

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

Especially for stabilizing organic and carbon black pigments in binder-free pigment dispersions for printing inks.

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 - 30 %

As supplied calculated on organic pigment: 25 - 60 %

As supplied calculated on carbon black: 25 - 150 %

Processing instructions

- Add to the grind before dispersion.
- Starting point formulations for the production of pigment concentrates are available on request.

Formulation advices

Add to millbase before grinding. Alternative for binder-containing pigment dispersions: TEGO® Dispers 760 W. Addition of TEGO® Foamex 810 is recommended in cases where strong foam development occurs.

Chemical description

aqueous solution of a copolymer with groups of high pigment affinity

Technical information

- | | |
|--------------------------|--------------|
| - appearance | clear liquid |
| - active matter content | approx. 40 % |
| - solvent | water |
| - pH value (as supplied) | approx. 6.5 |

Suitability for food contact

The additives/monomers/solvents of TEGO® Dispers 765 W are listed on the A and B lists of the Swiss Ordinance 817.023.21, Annex 6.

Registration status

TEGO® Dispers 765 W respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, PICCS, TSCA, 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 pail 25 kg

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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