

# TEGO® Dispers 655

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

For universal colorants and solventborne formulations. Highest efficiency with inorganic pigments. Stabilizes aluminum pigments. Improves colorant acceptance of solventborne paints. Solvent- and APE-free.

### 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: 2.0 - 15.0 %

As supplied calculated on organic pigment: 5.0 - 35.0 %

### Processing instructions

- Add to the grind before dispersion.
- In case of foam build up during pigment dispersion use a highly effective but also compatible defoamer concentrate (for example TEGO® Foamex 8050, TEGO® Foamex 810, TEGO® Foamex 830).

### Formulation advices

Add to millbase before grinding. In waterborne formulations, neutralization may be necessary. Addition of TEGO® Foamex 8050 is recommended in cases where strong foam development occurs.

### Chemical description

modified polyether with groups of high pigment affinity

### Technical information

- appearance clear to slightly hazy brownish liquid
- active matter content 100 %
- pH (10 %) approx. 2

### Suitability for food contact

The additives/monomers/solvents of TEGO® Dispers 655 are listed on the A and B lists of the Swiss Ordinance 817.023.21, Annex 6.

### Registration status

TEGO® Dispers 655 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

- plastic pail 25 kg
- plastic L-ring drum 200 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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