

# TEGO® Dispers 652

## DESCRIPTION

TEGO® Dispers 652 is a wetting and dispersing additive for inorganic pigments. Can be used in direct grinds of solventborne and radiation-curing formulations to reduce the viscosity. As a co-additive in universal colorants, it acts as a compatibilizer.

## KEY BENEFITS

- effective stabilization of inorganic pigments
- universal stability
- solvent-free, 100% active and liquid

## EFFECT

### 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



## SUITABILITY

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

● not suitable ● partly suitable ● suitable

## TYPICAL APPLICATIONS

- General industrial coatings
- Architectural paints
- Wood coatings
- Pigment concentrates

## TECHNICAL DATA

acid value (as supplied)	Approx. 35 mg KOH/g
active matter content	100 %
amine value (as supplied)	Approx. 20 mg KOH/g
appearance	clear to slightly hazy liquid (product properties are not affected by haziness)
chemical description	concentrate of a fatty acid derivative

## SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

## RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 0.3 - 2.0 %  
As supplied calculated on total formulation: 0.5 - 2.5 %

## PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- Haziness caused by low temperatures can be eliminated by warming the product. This does not affect the performance properties of the product.

## HANDLING & STORAGE

- When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.
- Eventually, the product may exhibit inhomogenities. Before use it should be homogenized by heating up to 40 °C and processed in the homogeneous state.

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