

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 between -40 and +40 °C, the product has a shelf life of at least 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.

MSDS & REGULATORY INFORMATION

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