

ZETASPERSE® 3700**DESCRIPTION**

ZETASPERSE® 3700 is an anionic wetting and dispersing additive for waterborne formulations. Shows very good wetting properties and stabilizes organic pigments especially well.

KEY BENEFITS

- very good for DPP, phthalocyanines, and AZO pigments
- excellent long-term stabilization
- good color acceptance

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 | |
| ● | |

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Pigment concentrates
- Transportation coatings
- General industrial coatings
- Wood coatings

TECHNICAL DATA

| | |
|------------------------------|---|
| active matter content | 40 % |
| appearance | clear, amber liquid |
| chemical description | aqueous solution of copolymers with groups of high pigment affinity |
| solvent | water |
| viscosity at 25 °C | Approx. 500 mPas |

SOLUBILITY

| Water | Ethanol |
|---------------------|------------------------|
| ● | ● |
| TPGDA | Acetone |
| ● | ● |
| Butylacetate | Mineral Spirits |
| ● | ● |

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 5.0 - 30.0 %
 As supplied calculated on organic pigment: 20.0 - 70.0 %
 As supplied calculated on carbon black: 40.0 - 150.0 %
 Recommended addition level for co-grind: 0.5 - 2.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

- Do not store near acids. Keep away from oxidizers. Keep away from direct sunlight. Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable; however, if it phase separates or freezes at cooler temperatures, heat to 40°C and mix well before use. Please refer to the SDS for the most current information.
- When stored in an original unopened packaging, the product has a shelf life of 36 months from the date of manufacture.

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Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com