Wetting and dispersing additive

**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

**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

**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.

**MSDS & REGULATORY INFORMATION**

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