

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



● 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 suitable ● 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.

MSDS & REGULATORY INFORMATION



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