

Wetting and dispersing additive

ZETASPERSE® 3400

DESCRIPTION

ZETASPERSE® 3400 is an anionic wetting and dispersing additive for waterborne formulations. Provides excellent viscosity reduction and long-term stabilization.

KEY BENEFITS

- very good for quinacridone and perylene pigments
- excellent wetting properties
- 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 29 %

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: 7.0 - 40.0 %

As supplied calculated on organic pigment: 25.0 - 75.0 %

As supplied calculated on carbon black: 50.0 - 200.0 %

Recommended addition level for co-grind: 0.7 - 3.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

Keep containers tightly closed in a dry, cool, and well-ventilated place. Mix thoroughly before use. Product is freeze-thaw stable; if frozen, warm to 20-40°C and mix before use. Please refer to the SDS for the most current information.

MSDS & REGULATORY INFORMATION



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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