Wetting and dispersing additive

ZETASPERSE® 3014

DESCRIPTION

ZETASPERSE® 3014 is an anionic wetting and dispersing additive for waterborne formulations. Wets and stabilizes organic and inorganic pigments. Shows a low influence on the water resistance of the coating film.

KEY BENEFITS

- high color strength with organic pigments
- viscosity reduction with inorganic pigments
- very low influence on water resistance

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
- Wood coatings
- General industrial coatings

TECHNICAL DATA

active matter content	40 %
appearance	clear, amber liquid
chemical description	aqueous solution of a copolymer with groups of high pigment affinity
solvent	water

SOLUBILITY

Water	Ethanol
●	●
TPGDA	**Acetone**
○	●
Butylacetate	**Mineral Spirits**
○	○

○ not soluble ◐ partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 4.0 - 30.0 %
As supplied calculated on organic pigment: 15.0 - 65.0 %
As supplied calculated on carbon black: 30.0 - 140.0 %
Recommended addition level for co-grind: 0.3 - 2.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

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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