Wetting and dispersing additive

ZETASPERSE® 3600

**DESCRIPTION**

ZETASPERSE® 3600 is an anionic wetting and dispersing additive for waterborne formulations. Wets and stabilizes all kinds of pigments. Shows a very low influence on the chemical resistance of the coating film.

**KEY BENEFITS**

- Excellent for organic pigments
- Outstanding viscosity reduction with titanium dioxide
- Low influence on chemical 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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active matter content</td>
<td>52%</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear, amber liquid</td>
</tr>
<tr>
<td>Chemical description</td>
<td>Aqueous solution of copolymers with groups of high pigment affinity</td>
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<tr>
<td>Solvent</td>
<td>Water</td>
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<tr>
<td>Viscosity at 25 °C</td>
<td>Approx 500 mPas</td>
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</tbody>
</table>

**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 %

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