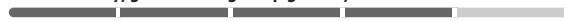


**DESCRIPTION**

ZETASPERSE® 3800 is a polymeric, slightly anionic wetting and dispersing additive for high-quality waterborne formulations. It is suitable for all kinds of pigments. ZETASPERSE® 3800 outstandingly provides color strength with organic pigments and stabilization for inorganic pigments and carbon blacks. It has a low influence on coating properties, is solvent-free and free of labeling.

**KEY BENEFITS**

- for high-quality coatings
- very good stabilization of inorganic particles
- minimal impact on coating properties
- solvent-free and label-free

**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**

<b>waterborne</b>	<b>solventborne</b>
●	●
<b>2-pack 100%</b>	<b>radiation-curing</b>
●	●
<b>direct grind</b>	<b>resin-containing pigment concentrates</b>
●	●
<b>resin-free pigment concentrates</b>	
●	

● not suitable ● partly suitable ● suitable

**TYPICAL APPLICATIONS**

- Pigment concentrates
- Transportation coatings
- Wood coatings
- Inkjet Inks

**TECHNICAL DATA**

<b>active matter content</b>	40 %
<b>appearance</b>	clear, amber liquid
<b>chemical description</b>	aqueous solution of a copolymer with groups of high pigment affinity
<b>solvent</b>	water
<b>viscosity at 25 °C</b>	Approx 500 mPas

**SOLUBILITY**

<b>Water</b>	<b>Ethanol</b>
●	●
<b>TPGDA</b>	<b>Acetone</b>
●	●
<b>Butylacetate</b>	<b>Mineral Spirits</b>
●	●

● not soluble ● 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**

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**

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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