

**DESCRIPTION**

ZETASPERSE® 182 is a non-ionic wetting and dispersing additive with focus on pigment wetting. Shows outstanding color strength development as co-dispersant to an anionic polymer. Improves color acceptance when used in the direct grind of a base paint.

**KEY BENEFITS**

- co-dispersant to improve pigment wetting
- improves 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
●	●
<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**

- Architectural paints
- Printing Inks
- General industrial coatings
- Wood coatings

**TECHNICAL DATA**

<b>active matter content</b>	70 %
<b>appearance</b>	white to pale yellow, waxy solid or hazy liquid
<b>chemical description</b>	alcohol ethoxylate
<b>HLB</b>	18.2
<b>solvent</b>	water
<b>viscosity at 35°C</b>	2000 mPas

**SOLUBILITY**

Water	Ethanol
●	●
<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 total formulation: 1.0 - 3.0 %

**PROCESSING INSTRUCTIONS**

Add before grinding.

**HANDLING & STORAGE**

- 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, heat to 40-60°C to thoroughly melt and mix well before use. Please refer to the SDS for the most current information.
- When stored in an original unopened packaging, the product has a shelf life of 36 months from the date of manufacture.

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.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | [www.coating-additives.com](http://www.coating-additives.com)