

AIRASE® 4500

DESCRIPTION

AIRASE® 4500 is an effective defoamer concentrate based on organic polymer technology. Good balance of effectiveness and compatibility.

KEY BENEFITS

- contains no mineral oil
- low viscosity and easy-to-handle liquid
- suitable for food contact compliant formulations

APPLICATION RECOMMENDATION

Brush application/roller application



Airless spraying



Compressed air spraying



Flexo/gravure printing



Dip coating, flow coating, curtain coating



Flooring



SUITABILITY

waterborne	solventborne
●	●
2-pack 100%	radiation-curing
●	●
addition to the grinding stage	addition to the let-down stage
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- General industrial coatings
- Architectural paints
- Pigment concentrates
- Printing Inks

TECHNICAL DATA

active matter content	100 %
appearance	turbid colored liquid
chemical description	organic based concentrate, contains hydrophobic particles
solvent	-

SOLUBILITY

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

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.2 - 1.0 %

PROCESSING INSTRUCTIONS

- Can be introduced during grind or let-down stage. Add slowly to formulation under moderate to high agitation. Mix thoroughly for 15-20 minutes.
- Mix thoroughly before use.

HANDLING & STORAGE

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