

Wetting and dispersing additive LIPOTIN® DB

DESCRIPTION

LIPOTIN® DB is a wetting and dispersing additive for solventborne formulations. It provides good wetting of pigments and introduces a pseudoplastic flow behavior.

KEY BENEFITS

- good pigment wetting
- pseudoplastic flow behavior

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

- Architectural paints
- Pigment concentrates

TECHNICAL DATA

acid value (as supplied) Approx. 20 mg KOH/g

active matter content 100 %

appearance hazy liquid (Phase separation may occur during storage of the product, but can be remedied by stirring. The application properties of the product are not affected.)

chemical description surfactant with groups of high pigment affinity

SOLUBILITY

Water	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.7 - 3.0 %

PROCESSING INSTRUCTIONS

- Stir before use!
- Close container immediately after use. Material is light-sensitive.
- Add to the grind before dispersion.

HANDLING & STORAGE

When stored in an original unopened packaging between -40 and +25 °C, the product has a shelf life of at least 24 months from the date of manufacture.

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.

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