

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 remixed 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.

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