

## CLiQSPERSE® BF

Dispersant

**CLiQSPERSE BF** is a resin-like high molecular weight pigment dispersing agent for non-aqueous systems. The modified polyurethane is used in industrial systems to produce highly concentrated low viscous organic or inorganic pigment concentrates. The material is also recommended for directly grinding pigments into a coatings mill-base.

**CLiQSPERSE BF** provides maximum colour strength, gloss retention, and excellent colour acceptance in a variety of non-aqueous systems. It prevents re-flocculation and stabilizes pigments in paints and pigment concentrates.

**CLiQSPERSE BF** reduces grinding time and gives a non-thixotropic low viscous mill-base. The dispersing and wetting agent does not negatively influence the paint durability due to its resin-like high molecular weight structure.

### Typical values:

Appearance:	yellowish liquid
Active content:	45%
Density:	ca. 1.0 g/cm <sup>3</sup>
Brookfield viscosity:	ca. 1500 mPa.s
Solvents:	MPA/xylene

### Level of Use / Incorporation:

**CLiQSPERSE BF** is best dissolved in solvents prior to pigment addition. The optimum loading level should be determined for each system using a loading ladder study. CLiQSPERSE BF can be used alone or in combination with a grinding resin. Following loading levels are recommended as a starting point:

Inorganic pigments:	10% of the oil absorption
Organic pigments:	25 - 50% of BET-value
Carbon blacks:	20% of the DBP-value

**CLiQSPERSE BF** is very compatible with most industrial non-aqueous based systems.

**CLiQSPERSE BF** may get cloudy at low temperature storage. It is recommended to heat the material to 20°C and mix properly. This does not impact the product performance. The minimum shelf life is 60 months when stored in unopened packages.

For information on health and safety information, please consult the Material Safety Data Sheet.

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This information is based to best of our knowledge and on test results obtained in our laboratory. It is given in good faith and should only regard as recommendations. No warranty is given, and it is advised to all users to evaluate the products carefully for their intended use. Please also consider all further information, labels, and especially the safety data sheet! For further questions, technical service, and samples, please feel free to contact us.

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