

## CLiQFLOW® 781

Rheological Additive

**CLiQFLOW 781** is a ready-to-use, liquid polyurea based rheological additive for aqueous and high-polar non-aqueous coatings. The novel chemistry provides a thixotropic flow with superior shear-thinning behaviour.

**CLiQFLOW 781** provides excellent anti-settling properties to filled systems; upon storage, a structure is formed which stabilizes pigments and fillers. The rheological additive further provides an excellent sag-levelling balance and reduces the spray pattern and orange peel of the finished coating.

**CLiQFLOW 781** can be used as single thickener for storage stability and sag-resistance or can be combined with other thickener technologies to fine-tune the rheological behaviour of the final system.

### Typical values:

Appearance:	clear amber liquid
Diluent:	N-Butylbutyrolactam
Solids content:	ca. 40 %
Density (20°C):	ca. 1.07 g/ml
Brookfield Viscosity:	< 500 mPa.s

### Level of Use / Incorporation:

**CLiQFLOW 781** can be added to the manufacturing process at any stage. It only requires sufficient agitation and homogenisation for full activation. Due to its low viscosity, it does not require a pre-dilution step. A co-solvent in the formulation may improve efficiency of the additive.

A loading between 0.20 – 2.0% is typically sufficient to achieve the required properties. A loading ladder study is suggested to determine the optimum loading level.

**CLiQFLOW 781** is sensitive to moisture. It should be stored in a cool dry place. The minimum shelf life is 12 months when stored in unopened original 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.