

## CLiQSMART® 110

### Defoamer

**CLiQSMART 110** is a silicone-free easy to incorporate multipurpose polymer defoamer emulsion for aqueous systems. The highly efficient VOC-free defoamer is stable over a wide pH-range from 3 -12 and designed for a large variety of VOC- / SVOC-compliant aqueous applications.

**CLiQSMART 110** is used in mid-to-high PVC decorative paints, pigment concentrates, protective coatings as well as in latex-based construction systems and adhesives to reduce both production and application foam. It provides excellent defoaming efficiency with common binders like pure acrylics, styrene-acrylics, VeoVa, VA/E or even Silicate binders.

**CLiQSMART 110** gives excellent long-term defoaming efficiency, even at higher storage temperatures. It shows no to minor influence on other paint properties, such as storage stability, gloss or recoatability.

#### Typical values:

Appearance:	Off white emulsion
Solids content	Ca 55 %
Density:	ca. 0.98 g/cm <sup>3</sup>
Hydrophobic Particles	Yes, silica

#### Level of Use / Incorporation:

**CLiQSMART 110** can be added at any point in the production process where sufficient shear is available. The optimum loading level should be determined for each system using a loading ladder study. A loading between 0.05-0.50% based on total is typically required.

**CLiQSMART 110** is easy to use and shows minor influence on other system properties.

**CLiQSMART 110** is an emulsion and needs to be protected from freezing, storage in a cool dry place 5 - 50°C is recommended. The minimum shelf life is 12 months when stored in unopened original packages. Stir before use is recommended.

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.