

CLiQSPERSE® 153

Dispersing Agent

CLiQSPERSE 153 is a 100% active polymeric block co-polymer based dispersing agent for aqueous coatings and pigment concentrates. The dispersant is free of VOC and biocides, compatible with a wide variety of inorganic and organic pigments and most type of binders used in aqueous coatings, printing inks or adhesives.

CLiQSPERSE 153 is highly recommended for resin-free, stable pigment concentrates for inks, decorative and light industrial coating systems. It is also recommended for base paints to stabilize inorganic pigments and extender.

CLiQSPERSE 153 strongly absorbs to the pigment surface improving pigments stability and preventing flocculation, flooding and floating in waterborne systems. It improves gloss development and allows maximum colour strength and colour acceptance of aqueous pigment concentrates.

Typical values:

Appearance:	Yellowish clear liquid
Active Content:	100%
Density:	1.10 g/cm ³
pH-value:	6 - 8
Viscosity:	ca. 15000 mPa.s

Level of Use / Incorporation:

CLiQSPERSE 153 is best dissolved in water prior to pigment addition. The optimum loading should be determined via loading ladder study. The following loadings based on pigment are recommended as starting point:

- 3 - 6 % titanium dioxide
- 8 - 12 % inorganic pigments
- 10 - 30 % organic pigments
- 40 - 60 % carbon black pigment

In paint formulation a loading between 0.25-0.5 % on total is recommended.

CLiQSPERSE 153 is recommended to store in a cool dry place above 5°C for handling purposes. The material is not sensitive to freezing but may get cloudy which does not impact the performance. The minimum shelf life is 48 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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