

CLiQSPERSE® 149

Wetting and Dispersing Agent

CLiQSPERSE 149 is a 100% active polymeric based dispersing agent for high-value aqueous coatings and pigment concentrates. It is free of volatile organic components and compatible with a wide variety of pigments and binders used in aqueous coatings, printing inks, or adhesives.

CLiQSPERSE 149 is highly recommended for resin-free and resin-based pigment concentrates for high-value industrial and automotive coatings. The dispersant is particularly used to disperse and stabilise high-jet black pigments.

CLiQSPERSE 149 strongly adsorbs to the pigment surface, improving pigments stability and preventing flocculation, flooding, and floating in waterborne systems. It improves gloss development, transparency, and allows maximum colour development in aqueous systems.

Typical values:

Appearance:	clear liquid
Active content:	100 %
Brookfield Viscosity:	ca 2000 mPa.s
Density:	Ca 1.09 g/cm ³

Level of Use / Incorporation:

CLiQSPERSE 149 is best dissolved in water prior to pigment addition. The loading level should be determined for each system using a loading ladder study. The following loadings, based on pigment, are recommended as a starting point:

4 - 6	%	titanium dioxide
8 - 12	%	inorganic pigments
12 - 25	%	organic pigments
40 - 60	%	carbon black pigment

CLiQSPERSE 149 typically does not require a co-wetting agent but may be combined with wetting agents for difficult-to-wet pigments.

CLiQSPERSE 149 is recommended to store in a cool dry place above 5°C. The additive may become cloudy at storage temperatures below 15°C. Heating to 40°C while stirring will turn material back to clear liquid. This does not impact the performance of the product. The minimum shelf life is 24 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 consider also all further information, labels, and especially the safety data sheet! For further questions, technical service and samples, please feel free to contact us.