

CLiQSPERSE® HA-50

Dispersant

CLiQSPERSE HA-50 is an acidic co-polymer based dispersing agent for non-aqueous industrial coating systems and printing inks. The highly efficient dispersant provides steric stabilisation to all kinds of inorganic pigments and extenders. For solvent-free systems, it may be suggested to evaluate the solvent-free version, CLiQSPERSE HA.

CLiQSPERSE HA-50 significantly reduces the mill base viscosity with inorganic pigments and extenders, allowing a high loading level in the grinding media. It significantly improves transparency, hiding power, gloss development, and colour strength specifically with titanium dioxide-based formulations.

CLiQSPERSE HA-50 is particularly recommended for coil coatings.

Typical values:

Appearance:	yellowish liquid
Active content:	53%
Density:	ca. 1.03 g/cm ³
Brookfield viscosity:	< 100 mPa.s
Solvents	MPA/aromatic hydrocarbon

Level of Use / Incorporation:

CLiQSPERSE HA-50 is best mixed with binders and/or solvents prior to pigment or extender addition.

The optimum loading should be determined for each system using a loading ladder study. A loading level between 0.25 – 2.0% on total is typically required to achieve the optimum performance with titanium dioxide-based formulations; inorganic pigments require between 0.5 – 4.0% typically.

CLiQSPERSE HA-50 should be mixed before use. Storage at lower temperatures may cause cloudiness in the product. It is recommended to heat the product to max 40°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.