

DISPARLON

June 2021

DISPARLON LF-1985

(Leveling/Flow agent)

DISPARLON LF-1985 is a silicone-free, non-ionic high molecular weight surface active agent. This is a 50 % solid, chemically stable and have excellent dispersibility in a wide range of paint systems. This product is utilized in the advanced paint technologies including high-solids coatings and UV cured systems as surface modifiers. Especially effective in Epoxy systems.

ADVANTAGES

- Improve leveling and prevent pinholes.
- Improve film gloss by promoting pigment wetting, resulting in good dispersion.
- Act as defoamer.
- Have little affect on physical properties of the film such as recoatability.
- Excellent dispersibility allows post addition.

APPLICATIONS

LF-1985 can be used in almost all type of baking high-solids coatings, thermosetting, UV curing systems, non-solvent coatings as well as conventional baking solvent based coatings and Unsaturated polyester coatings, particularly high-solids Polyester/melamine and Acrylic melamine coatings for automotive.

INCORPORATION

Additive level : 0.2 ~1.0 % by weight to total formulation.*

*The optimal level, however, should be determined by your laboratory tests.

Method : While this additive can be added at each production stage, post-addition at a final production stage stirring with a dissolver is recommended.

TYPICAL PROPERTIES

Appearance	Clear to light yellow liquid
Non-volatile matter	50 % by wt.
Density	0.97 g/cm ³ (at 20°C)
Solvent	Butyl acetate



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