

Additives for coatings and printing inks  
**DISPARLON<sup>®</sup>**

(Oct. '2010)

**DISPARLON<sup>®</sup> L-1983N**  
(Leveling/Flow agent)

**DISPARLON L-1983N** is a silicone-free, non-ionic high molecular weight surface-active additive. **DISPARLON L-1983N** is 100 % solids, chemically stable and has excellent dispersibility in wide range of paint systems. **DISPARLON L-1983N** is utilized in the advanced paint technologies including high-solids coatings, Powder coatings and UV cured systems as surface modifiers.

#### ADVANTAGES

- Improves leveling and prevents cratering and pinholes.
- Improves film gloss with excellent compatibility with resins and by promoting pigment wetting, resulting in good dispersion.
- Acts as defoamer.
- 100 % solids and chemically stable; does not affect stability.
- No affect on physical properties of the film such as recoatability.
- Excellent dispersability allows post addition.

#### APPLICATION

**DISPARLON L-1983N** can be used in almost all type of baking high-solids coatings, thermosetting powder coatings, 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

For solvent based and high-solids coatings : 0.1 to 0.5 % by weight of total formulation under stirring. Post-addition on high-speed dissolver is recommended. Can be added at any stage.

#### TYPICAL PROPERTIES

Appearance	Colorless to light yellow viscous liquid
Active	100 %
S.P.[ - ]	8.19
S.T.[Dyn/cm <sup>2</sup> ]	28.8

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