DISPARLON® LCN-400
(Leveling/Flow agent)

DISPARLON LCN-400 is a silicone-free, non-ionic high molecular weight surface active agent. This product is 50 % solids, chemically stable and has excellent dispersability in a wide range of paint systems. This product can be utilized in advanced paint technologies including high-solids coatings and UV cured systems as a surface modifier. It is especially effective in baking systems.

ADVANTAGES

- Improves leveling and prevents pinholes.
- Improves film gloss by promoting pigment wetting, resulting in good dispersion.
- Acts as defoamer.
- Has little affect on physical properties of the film such as recoatability.
- Excellent dispersability allows post addition.

APPLICATIONS

LCN-400 can be used in almost all types of high-solids coatings including, thermosetting, UV curing systems, non-solvent coatings, as well as conventional bake finishes and unsaturated polyester coatings. It works particularly well in high-solids polyester/melamine and acrylic/melamine coatings for automotive and coil applications.

INCORPORATION

Additive level : 0.2 ~ 1.5 % by wt.
Method : Post-addition on high speed dissolver is recommended

The information on use is based on data which are believed reliable, but any recommendation or suggestion made are without guarantee or warranty, since the conditions of use are outside our control. All products are sold on the conditions that purchasers shall make their own tests to determine the suitability of such products for their purpose and that all risks are assumed by user. We disclaim any responsibility for damages resulting from careless or improper handling or use. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license. See MSDS for safety handling before to use.
TYPICAL PROPERTIES

Appearance ......................... Clear to light yellow liquid
Non-volatile matter ............... 50 % by wt.
Density .............................. 0.96 g/cm³
Solvent ............................. Butyl acetate

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