

Additives for coatings and printing inks
DISPARLON[®]

(May 2012)

DISPARLON[®] LHP-90, LHP-91, LHP-95, LHP-96

(Leveling/Anti-cratering agents)

DISPARLON LHP-Series are surface control agents based on specially prepared acrylic and vinyl polymers. These products have unique properties that allow them to eliminate cratering caused by various kinds of surface contaminants and spray mists, and promote leveling of the coating. They are very effective in industrial coatings where a high quality film appearance is required.

ADVANTAGES

- Greatly improves coating flow and provides excellent surface appearance.
- Eliminates cratering and film defects due to various contaminants.
- Eliminates formation of Benard-cells.
- Provides excellent re-coat ability.

APPLICATIONS

LHP-series can be used in a wide variety of coating systems.

Application	Recommended coating type
Baking systems	Alkyd/Melamine, Acrylic/Melamine, Polyester/Melamine, Fluoropolymer/Melamine, High-solid polyester/Melamine
2-component urethane	Acrylic/Urethane, Polyester/Urethane
UV-cured systems	Urethane acrylate, Epoxy acrylate

INCORPORATION

Post addition to the finished paint is recommended.

Recommended levels : 0.2 ~ 0.5 % by weight of finished paint.

Preliminary test should be made to determine optimum level.

TYPICAL PROPERTIES

	LHP-90	LHP-91	LHP-95	LHP-96
Appearance	Colorless to yellow liquid	Colorless to yellow liquid	Colorless to yellow liquid	Colorless to yellow liquid
Non-volatile [%]	50	50	50	50
Active component	Vinyl polymer	Vinyl Polymer Silicone Modified	Acrylic polymer	Acrylic polymer modified with silicone
Volatile solvent	Solvent naphtha Ethyl acetate n-Butyl alcohol (45/2.5/2.5)	Naphtha Ethyl acetate n-Butanol	Solvent naphtha	Solvent naphtha

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