

Additives for coatings and printing inks
DISPARLON®

July 2024

DISPARLON® SPX-20CF

(Defoaming/anti-popping agent)

DISPARLON® SPX-20CF is a cumene-free defoaming/anti-popping agent mainly composed of vinyl/acrylic polymers. DISPARLON® SPX-20CF is suitable for high-viscosity/high-build ambient cure coatings used for flooring and waterproofing materials, provides excellent defoaming effect, and may prevent the formation of Bénard cells. DISPARLON® SPX-20CF is also recommended for industrial baking coatings, provides stable defoaming/anti-popping effects since it is unlikely to separate and aggregate during paint circulation, and may improve leveling of the coating film after baking.

ADVANTAGES

- Excellent defoaming/anti-popping effects
- Anti-flooding/anti-floating effects
- Improves leveling
- Excellent recoatability
- Silicone-free
- Cumene-free

APPLICATIONS

DISPARLON® SPX-20CF is recommended for high-viscosity/high-build ambient cured coatings (solvent-free epoxy, urethane, etc.) used for floor coatings and waterproofing, and industrial baking coatings (alkyd/melamine, acrylic/melamine, polyester/melamine, urethane, etc.).

INCORPORATION

- Additive levels : 0.3 – 2.0 wt% on total formulation.
The optimal additive level should be determined under an actual use condition.
- Method : Can be added at each production stage.
Post-addition at a final production stage is recommended.

TYPICAL PROPERTIES

(The following figures are typical properties, not to be used for specification.)

Appearance	Clear to light yellow liquid
Non-volatile matter	20 %
Density (20 deg.C)	0.89 g/cm ³
Viscosity (20 deg.C)	4.5 mPa·s
Solvent	Solvent naphtha/n-Butyl acetate

CAUTION

Precipitation or solidification may occur at low temperature. Store above 0 deg.C.



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