

Additives for coatings and printing inks
DISPARLON®

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DISPARLON® SEI-W01
(Surface free energy increasing agent)

DISPARLON® SEI-W01 is a surface free energy increasing agent composed of an acrylic polymer. Unlike general surface control agents, **DISPARLON® SEI-W01** improves intercoat adhesion and wetting property of a topcoat by increasing surface free energy of a primer, and imparts hydrophilic property to coating film. **DISPARLON® SEI-W01** improves substrate wetting and leveling properties.

ADVANTAGES

- Increases surface free energy of a coating film
- Improves intercoat adhesion and wetting property of a topcoat
- Imparts hydrophilic property to a coating film
- Liquid form – easy incorporation
- Solvent-free
- Silicone-free, Fluorine-free

APPLICATIONS

DISPARLON® SEI-W01 can be used in water-borne systems, and is especially recommended for automotive coatings, architectural coatings, general industry coatings, coil coatings and wood coatings.

INCORPORATION

- Additive levels : 0.1 – 3.0 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 with a dissolver is recommended.

TYPICAL PROPERTIES

Appearance	Clear to light yellow liquid
Active matter	100 %
Viscosity (20 deg.C)	2.3 Pa·s

STORAGE

- Turbidity may occur at low temperature.
In this case, heat at 40 – 50 deg.C for one day and stir well before use.

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