

Additives for coatings and printing inks
DISPARLON[®]

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DISPARLON[®] SEI-1501
(Surface free energy increasing agent)

DISPARLON[®] SEI-1501 is a surface free energy increasing agent composed of an acrylic polymer. Unlike general surface control agent, **DISPARLON[®] SEI-1501** 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-1501** 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-1501 can be used in solvent-borne and solvent-free systems, and is especially recommended for UV curing coatings, automotive coatings, general industry coatings, coil coatings, resist inks, adhesives, and sealants. **DISPARLON[®] SEI-1501** cannot be used in water-borne systems.

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)	2.0 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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