

Additives for coatings and printing inks
DISPARLON®

July 2023

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.

 *Kusumoto Chemicals, Ltd.*
11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN
(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079

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 SDS for safety handling before to use.
© 2016 - 2023 All Rights Reserved By Kusumoto Chemicals, Ltd.