

Additives for coatings and printing inks

DISPARLON[®]

June 2011

DISPARLON[®] AQH-800

(Rheology control additive for water-borne system)

DISPARLON AQH-800 is a rheology control additive based on hybridized amide technology developed for water-borne systems. DISPARLON AQH-800 forms a needle-like self structure in the coating system which prevents pigment settling, hard caking, and provides excellent sag control. DISPARLON AQH-800 imparts an excellent thixotropic effect without a large increase in viscosity, which makes it unique compared to other rheology control agents such as HEUR or acrylic thickeners.

ADVANTAGES

- Easy post-add incorporation by dissolver
- Highly shear thinning
- Excellent heat age stability
- Excellent pigment suspension

TYPICAL PROPERTIES

Appearance	Light yellow paste
Active component	Proprietary amide
Non-volatile matter	10%
Solvent	Water/ Propylene glycol monomethyl ether
Acid value (as product)	7.5

INCORPORATION

- Post-addition with a dissolver is recommended.
- Incorporate at room temperature, or below 40°C.
- Addition level is 1.0 - 8.0 weight % as product on total formulation.
- Recommend to be stored below 40°C.

Distributed by:

King Industries, Inc.

Science Road, Norwalk, CT 06852

Ph: 203-866-5551



Kusumoto Chemicals, Ltd.

11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN

(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079