

# DISPARLON

August 2018

## DISPARLON AQ-D400

(Pigment wetting/Dispersing agent for waterborne systems)

DISPARLON AQ-D400 is a pigment wetting/dispersing agent composed of an acrylic polymer and an amine, and is highly effective for dispersing organic/inorganic pigments such as carbon black and iron oxide. DISPARLON AQ-D400 reduces the viscosity of high pigment loading systems and improves color strength and DOI. The waterborne pigment paste composed of water and pigments can be made with DISPARLON AQ-D400.

### ADVANTAGES

- Excellent wetting and dispersing properties
- Effective for high pigment loading systems
- Effective for a wide range of pigments and fillers
- Improves gloss, DOI, color strength and hiding power

### APPLICATIONS

DISPARLON AQ-D400 can be used in a wide range of waterborne coating systems.

### INCORPORATION

Additive levels: 3 ~ 30% by wt. for inorganic pigments and body pigments  
40 ~ 130% by wt. for organic pigments and carbon black

Method: Addition at a grinding/dispersing stage is recommended.

### TYPICAL PROPERTIES

Appearance	Light yellow liquid
Active matter	30% by wt.
Acid value	54
Amine value	56
Solvent	Water



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