



Flow Agents (Non-Silicone)
Flow Agents (Silicone)
Anti Mar & Slip
Surface Tension Modifiers
Defoamers
Anti-Flood & Anti-Float
Special Chemistry
Miscellaneous
Pigment Dispersion
Stain Vehicles

PRODUCT DATA SHEET

CAFA-550

Chem-A-Flow Additive Hydroxyl Polyacrylate

Product #118

Applications

A lower molecular weight, hydroxyl polyacrylate additive, **CAFA 550**, is designed to allow for small incremental changes in surface tension. **CAFA 550** reactivity is faster than **CAFA 450** and will react into the resin system at lower temperatures and shorter dwell times to increase mar resistance. Substrate wetting exhibited by crawling or beading up of the coating requires the use of more powerful surface tension modifiers such as silicone or fluorocarbon surfactants (see **SA#1**, **RAMA**, **HSADA 42**, or **HSADA 44**). **CAFA 550** at high dosage levels helps to eliminate these defects without the potential recoat problems. Because silicone and fluorocarbon surfactants are powerful, their effectiveness can be described as a tight shaped bell curve. Polyacrylate flow modifiers can broaden the curve and allow for better quality control of the coating. Resins include: UV pigment wetting additive, high nitrogen melamine systems with cure temperatures around 180 - 350°F for short dwell times and printing inks.

Benefits

- Improves Flow and Leveling
- Increased Mar Resistance
- Recoatable - (High-Heat Stable)
- Excellent Pigment Wetting Characteristics
- Excellent Clarity in Non-Pigmented Systems

Recommended Additions

2 lbs. to 6 lbs. per 100 gal. (0.20% to .75% of total weight). Add to letdown under agitation.

Typical Properties

Visc.: 100 - 300 cps

Color: Amber

Solvents: Aromatic 150

Wt./Gal.: 7.96 lbs./gal