



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

WBWADA-B

Water Based Wetting and Dispersing Agent

Product #121

Applications

WBWADA-B is a unique blend of amine chemistry with dimerized acid. The resulting product is a triangular shaped wetting agent with high efficiency toward acidic based pigments. The top of the triangle offers a weak functional group with an affinity for alkaline pigments. This chemistry should be considered when both acid and base pigments are present. The key to the utilization is to maintain maximum mobility of the grind paste during initial incorporation of pigment. Resin-free grinds should utilize some co-solvent if possible to improve dispersion quality. Grinding in non-neutralized resin and co-solvent at the lowest resin solids as possible, provides the most suitable grinding medium. Continue to add pigment until viscosity reaches 100-135 KU @ 120-150°F. The order of pigment addition should be primary colors and high oil absorption pigments followed by extenders and rheology modifiers.

Systems include: Solution acrylics, polyesters, alkyds and epoxies.

Additions

Add into beginning of grind phase 0.5% to 2.5% based on total inorganic pigment weight. 10% to 20% based on total organic pigment weight.

Typical Properties

Visc.: 50 - 100 cps

Color: Amber

% Active: 60 % in Butyl Cellosolve

Wt./Gal.: 7.98 lbs./gal