

# Chartwell B-515.1WH

## TECHNICAL DATA

## ADHESION PROMOTERS

ZERO VOC ADDITIVE

**GENERAL DESCRIPTION:** An amino functional metal organic adhesion promoter synthesized using a STABILIZED BIMETAL PRECURSOR. The product is supplied in water and has zero VOC.

### PHYSICAL PROPERTIES:

<b>Physical form</b>	Clear liquid
<b>Color</b>	pale yellow
<b>Metal content (Total %)</b>	7.8 - 8.9
<b>Complexed organics</b>	13.6 - 13.9
<b>Specific gravity (g/ml)</b>	1.23
<b>pH (2% soln)</b>	4.1
<b>Active matter (wt %)</b>	33.0
<b>Solvent</b>	water
<b>Organofunctionality</b>	amino

### APPLICATION:

**(1) Adhesives:** Recommended for epoxy, urethane, and rubber adhesives to enhance adhesion to metals, plastics, and elastomers. Increased T-peel strength. Improved resistance to moisture, heat and corrosive environments.

**(2) Coatings:** Recommended for enhancing adhesion of epoxy, urethane, alkyd, acrylic, polyester, and other water-borne coatings to metal surfaces with resultant reduction in corrosion. Also enhances adhesion to many plastic surfaces. Useful in most water-borne coatings (Latex and polymer dispersion) for enhanced adhesion to metal and plastic substrates.

### PROCEDURE:

**1. Coatings/ Inks:** See bulletin "Use Procedure Recommendations"

**2. Adhesive s:** 0.7 - 1.4 phr, post add recommended under agitation.

**3. Plastics:** 0.7 - 1.4 phf (parts per hundred filler); recommend pretreat of pigments/ fillers in a Henschel or similar mixer and subsequently compound with resin. For high surface area pigments/ fillers, ie fumed silica, carbon black, phthalo and similar.

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