

# Chartwell B-515.1WH

## TECHNICAL DATA

## ADHESION PROMOTERS

**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:

Physical form	Clear liquid
Color	pale yellow
Metal content (Total %)	7.8-8.9
Complexed organics	13.6-13.9
Specific gravity (g/ml)	1.22
pH (2% soln)	4.6
Active matter (wt %)	31.5
Solvent	water
Organofunctionality	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, phtalo and similar.

