

# Chartwell B-515.1WHM

## TECHNICAL DATA

ADHESION PROMOTERS

ZERO VOC ADDITIVE

**GENERAL DESCRIPTION:** A stabilized bimetallic complex solution. 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	4.6 - 4.9
Specific gravity (g/ml)	1.20
pH (2% soln)	3.6
Active matter (wt %)	26.0
Solvent	water
Organofunctionality	none

### 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. Adhesives:** 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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