

# Chartwell B-515.71HRW

## TECHNICAL DATA

## ADHESION PROMOTERS

Zero VOC Additive

**GENERAL DESCRIPTION:** A high content amine functional metal organic adhesion promoter synthesized with a stabilized neutralized metal complex. The product is supplied as an aqueous solution.

### PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	pale yellow
Metal content (Total %)	7.3 - 7.9
Complexed organics	26.35 - 27.15
Specific gravity (g/ml)	1.23
pH (2% solution)	7.50
Active matter (wt %)	37.8
Solvent	Water, zero VOC
Organofunctionality	amino
Neutralizing agent:	caustic

### APPLICATION:

**(1) Adhesives:** Recommended for most acrylic and similar latex emulsion based adhesives, and water-borne epoxy/ urethane to enhance adhesion to metals, plastics, concrete, elastomers, and ceramics. Increased T-peel strength. Improved resistance to moisture, heat and corrosive environments.

**(2) Coatings & Inks:** Recommended for all water-borne coatings having a pH of 7-11; including coatings formulated with acrylic/ styrenated acrylic latex emulsions, and water-borne polymer dispersions of alkyds, epoxies, urethanes and others.

- Will improve adhesion to all metals, improve salt fog resistance, reduce creep at the scribe, and reduce blistering
- Will improve adhesion to plastic films, ie treated PP/ PE and mylar
- Also, improved adhesion to many plastics, concrete, rubber, wood and ceramics

### PROCEDURE:

**1. Coatings/ Inks/ Adhesives (WB):** Fully compatible with coatings/ inks/ adhesives having a pH of 7-11. May be added directly to latex or polymer dispersion or post added in many cases. **No special mixing or dilution required.**

Recommended use level is 0.35 - 1.4 wt per cent based upon polymer solids + organic pigment weight + anti-corrosive pigment weight.

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