

# Chartwell C-523.72HRW

## TECHNICAL DATA

ADHESION PROMOTERS

ZERO VOC ADDITIVE

**GENERAL DESCRIPTION:** An increased reactivity hybrid carboxy/ hydroxy functional metal organic adhesion promoter synthesized with a stabilized neutralized metal complex. The product is supplied as a solution in water.

### PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	pale yellow
Metal content (Total %)	7.3 - 7.9
Complexed organics	32.6 - 33.4
Specific gravity (g/ml)	1.21
pH (1% soln)	6.4
Active matter (wt %)	34.7
Solvent	water
Organofunctionality	carboxy/ hydroxy
Neutralizing agent:	MEA

### APPLICATION:

**(1) 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 PE/ PP and mylar
- Also, improved adhesion to many plastics, concrete, rubber, wood and ceramics

**(2) 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.

### PROCEDURE:

**1. Coatings/ Adhesives:** Fully compatible with coatings/ inks having a pH of 7-11. May be added directly to latex or polymer dispersion or post added in many cases. 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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