

Chartwell B-515.4W

TECHNICAL DATA

ADHESION PROMOTERS

GENERAL DESCRIPTION:

An amino functional metal organic adhesion promoter synthesized with a stable preneutralized metal complex. The product is supplied in water and has zero VOC.

PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	v. pale yellow
Metal content (Total %)	6.3 - 6.9
Complexed organics	22.9 - 23.4
Specific gravity (g/ml)	1.20
pH (2% soln)	7.7
pH (as supplied)	8.6
Active matter (wt %)	33.4
Solvent	water
Organofunctionality	amino

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: 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. **No special mixing or dilution required.** Recommended use level is 1.0-2.0 wt per cent based upon polymer solids + organic pigment weight + anti-corrosive pigment weight.

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