

Chartwell B-515.71WH

TECHNICAL DATA

ADHESION PROMOTERS

Zero VOC Additive

GENERAL DESCRIPTION: A high concentration amino 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	moderate yellow
Metal content (Total %)	11.0 - 11.9
Complexed organics	29.4 - 30.6
Specific gravity (g/ml)	1.32
pH (2% solution)	7.25
Active matter (wt %)	49.0
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 - 2.0 wt per cent based upon polymer solids + organic pigment weight + anti-corrosive pigment weight.

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