Chartwell B-516.71HRW

TECHNICAL DATA

ADHESION PROMOTERS

Zero VOC Additive

GENERAL DESCRIPTION: An diamino 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	32.0 - 33.0
Specific gravity (g/ml)	1.23
pH (2% solution)	7.70
Active matter (wt %)	42.2
Solvent	Water, zero VOC
Organofunctionality	diamino
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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