

Chartwell B-523.6WH

TECHNICAL DATA

ADHESION PROMOTERS

GENERAL DESCRIPTION:

A hybrid carboxy/ hydroxy functional metal organic adhesion promoter synthesized with a stable preneutralized bimetallic complex. The product is supplied in water and has zero VOC.

PHYSICAL PROPERTIES:

| | |
|--------------------------------|------------------|
| Physical form | Clear liquid |
| Color | v. pale yellow |
| Metal content (Total %) | 5.8-6.6 |
| Complexed organics | 24.0 - 26.8 |
| Specific gravity (g/ml) | 1.30 |
| pH (2% soln) | 7.00 |
| pH (as supplied) | 7.25 |
| Active matter (wt %) | 40.5 |
| Solvent | water |
| Organofunctionality | carboxy, hydroxy |

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 0.7 - 1.4 wt per cent based upon polymer solids + organic pigment weight + anti-corrosive pigment weight.

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