

Chartwell C-515.72HRX

TECHNICAL DATA

ADHESION PROMOTERS

GENERAL DESCRIPTION: An increased reactivity amino functional metal organic adhesion promoter synthesized with a stabilized MEA neutralized metal complex. The product is supplied as a solution in propylene glycol. The MEA level has been reduced, resulting in further enhancements in wet adhesion.

PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	moderate yellow
Metal content (Total %)	7.3 - 7.9
Complexed organics	21.3 - 21.9
Specific gravity (g/ml)	1.18
pH (2% soln)	6.5
Active matter (wt %)	34.0
Solvent	propylene glycol
Organofunctionality	amino
Neutralizing agent	MEA

APPLICATION:

Coatings, Adhesives & Inks: Will improve wet adhesion to many difficult substrates, i.e. glass, plastics, ceramics, concrete, wood, etc. and all metals with accompanying improved salt fog resistance, reduction of creep at the scribe, and reduced blistering. In WB exterior primers and deck stains, will eliminate peeling on wood substrate.

- **Water-Borne Coatings:** For acrylic, styrenated acrylic, PUD and alkyd coatings having pH 7-11. Use level 0.35 - 1.4 wt per cent on polymer solids*.
- **2K Epoxy and 2K Urethane:** Always add to hardener (epoxies) or polyol (urethanes). Use level 0.35 - 1.4 wt. per cent on polymer solids*.

PROCEDURE:

- 1. Water-Borne:** Post add at **0.35 - 1.4 wt per cent on polymer solids***. Mix with conventional paddle-type mixer. See Bulletin: "Calculating Use Level."
- 2. 2K Epoxy and 2K Urethane:** Optimum performance is achieved when added to the hardener (epoxies) or polyol (urethanes). **Product must be high shear mixed with a Cowles type mixer. Milling alone is not sufficient. Use Level 0.35 - 1.4 wt per cent on polymer solids***. See Bulletin: "Calculating Use Level."

**Plus organic pigment weight if applicable*

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