Chartwell F-515.71HR

TECHNICAL DATA

ADHESION PROMOTERS

GENERAL DESCRIPTION: An increased reactivity amino functional metal organic adhesion promoter synthesized with a stabilized neutralized metal complex. The product is supplied as a solution in PEG 300.

PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	moderate yellow
Metal content (Total %)	7.3 - 7.9
Complexed organics	25.6 - 26.4
Specific gravity (g/ml)	1.21
pH (1% soln)	7.30
Active matter (wt %)	48.1
Solvent	PEG300
Organofunctionality	amino
Neutralizing agent	caustic

APPLICATION:

Coatings, Adhesives & Inks: Will improve adhesion to all metals with acccompanying improved salt fog resistance, reduction of creep at the scribe, and reduced blistering; AND improved adhesion to plastics, ceramics, concrete and wood. In WB Exterior primers and deck stains, will eliminate peeling on wood substrate. In foundry cores, will improve bonding between sand and phenolic, urethane and similar binders.

- **Water-Borne Coatings:** For acrylic, styrenated acrylic, phenolic, 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*.
- **Urethane modified nitrocellulose:** Add with Cowles-type mixing for 10 minutes. Use level 0.35 - 1.4 wt per cent based upon binder solids.

PROCEDURE:

1. Water-Borne: Post add at **0.35 - 1.4 wt per cent on polymer solids*.** Mix with conventional paddle-type mixer.

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*.**

**Plus organic pigment weight if applicable*

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