

# Chartwell C-515.75HRW

## TECHNICAL DATA

## ADHESION PROMOTERS

**GENERAL DESCRIPTION:** An increased reactivity amino functional metal organic adhesion promoter synthesized with a stabilized neutralized metal complex for increased crosslinking capability.

### PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	pale yellow
Metal content (Total %)	4.5 - 5.1
Complexed organics	52.0 - 53.0
Specific gravity (g/ml)	1.38
pH (1% soln)	7.62
Active matter (wt %)	60.8
Solvent	water
Organofunctionality	amino
Neutralizing agent:	TEPA (tetraethylenepentamine)

### APPLICATION:

**Coatings, Adhesives & Inks:** Will improve film crosslinking and adhesion to all metals with accompanying 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.

- **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.
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*

Chartwell C-515.75HRW Data Sheet Rev. 9/07



Chartwell International, Inc.  
100 John Dietsch Blvd. Attleboro Falls, MA 02763/ USA

For further information, visit our website: [www.chartwellintl.com](http://www.chartwellintl.com)  
Or contact us by: Telephone (508) 695-1690 or Fax (508) 699-6693