

Chartwell C-515.71HRM

TECHNICAL DATA

ADHESION PROMOTERS

GENERAL DESCRIPTION: A low-cost stabilized metal complex (PG solution) for use in 2K epoxy, 2K PU and general SB systems.

PHYSICAL PROPERTIES:

| | |
|--------------------------------|------------------|
| Physical form | Clear liquid |
| Color | pale yellow |
| Metal content (Total %) | 7.3 - 7.9 |
| Complexed organics | 13.7 - 14.3 |
| Specific gravity (g/ml) | 1.19 |
| pH (1% soln) | 6.1 |
| Active matter (wt %) | 25.9 - 27.9 |
| Solvent | propylene glycol |
| Organofunctionality | none |
| Neutralizing agent: | sodium hydroxide |

APPLICATION:

Coatings, Adhesives: Will improve adhesion to all metals (i.e. CRS, Al, galvanized, etc.) with accompanying improved salt fog resistance, reduction of creep at the scribe, and reduced blistering.

- **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*.
- **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*.

PROCEDURE:

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

**Plus organic pigment weight if applicable*

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