NEW TRIVALENT CHROMIUM CONVERSION COATING FOR ZINC, ZINC-NICKEL PLATING

With the current restrictions on the use of hexavalent chromium right around the corner, all chemical companies supplying the plating industry are scurrying to find suitable replacements. All, that is, except for the Aldoa Company (Detroit, MI) which has pioneered environmentally friendly processes such as non-cyanide zinc and cadmium processes and Novalyte ZNA, a zinc-nickel plating that is one of the most widely used substitutes for cadmium plating. Now, a new trivalent chromium salts conversion coating for electroplated acid zinc deposits has been introduced. Called Aldokote ZNT-150, the formulation is a single component solution that produces a bright and highly corrosion-resistant clear to slightly iridescent conversion coating, ideal for fasteners, supports and brackets. The coating formulation provides an easy to prepare, use and maintain bath that requires no additional steps or secondary top coats. Under mild agitation (either mechanical or solution circulation) and an immersion time of between 30 and 60 seconds, Aldokote ZNT-150 can provide a protection of more than 120 hours of neutral salt spray testing against the appearance of white corrosion, easily surpassing typical automotive and other industry specifications.

Other Trivalent chromium based Aldoa products include:

Aldokote 765: For a clear, bright blue finish on zinc

Aldokote TCB: For a black finish on zinc

Aldokote HNZN-CL: For high corrosion protection on zinc-nickel

Aldokote ZN-B: For black passivation on zinc-nickel deposits