

U.S. Chrome Corporation  
175 Garfield Ave.  
Stratford, CT 06615

**PRESS RELEASE**

**For Immediate Release**

**For further information: Al Kertesz 203-378-9622**

**U.S. CHROME ANNOUNCES REVOLUTIONARY DEVELOPMENTS IN COATING TECHNOLOGY**

**SMALL CONNECTICUT COMPANY DEVELOPES NEW "GREEN" COATINGS**

Stratford, CT – New revolutionary coating processes that will extend the life of vital components in the aerospace industry was announced today by U.S. Chrome Corporation, a metal finishing company with six plant locations and headquartered in Stratford, Connecticut, recently patented a family of environmentally friendly coatings offered as alternatives for the much maligned industrial hard chrome plating process. These coating technologies have been well received by the aerospace community, and are currently in production on a variety of aircraft; including the new stealth, military supersonic F35 Joint Strike Fighter. According to Al Kertesz, Vice President, "these new "green" coatings are now available for companies in all of the metal working industries".

Over the last 75 years, hard chrome plating has lowered the cost of many consumer goods by increasing the life of machine parts. Hard chrome has even made airplane components far safer for travelers. However, this progress came with an environmental price and nowadays; existent platers must be in full conformance with all environmental regulations. This cost of compliance and demand by industry for hard chrome alternatives led U.S. Chrome Corporation to investigate a number of "environmentally friendly" technologies claiming to be the answer for replacing hard chrome. Finding no "magic bullet", the company decided to develop alternative coatings to compete with chromium's unique combination of low frictional properties, high hardness, and relatively low processing cost.

The R & D group at U.S. Chrome Corporation has developed three successful "green" coatings and is working on additional plating technologies. NiCom (Nickel/SiC) electro-composite coating replaces hard chrome plating in cylinder bore applications. TriCom (Cobalt/Cr3C2) electro-composite technology allows customers to replace chrome and thermal spray coatings in higher temperature fretting wear applications such as seals used in gas turbine engines. A hard version of TriCom (Cobalt-Phosphorous Cr3C2) electro-composite replaces hard chrome and thermal spray coatings for a variety of aerospace components.

The 60 year old, third generation company continues to distinguish itself as an innovative leader in surface engineering for the metal finishing industry. For more information visit [www.uschrome.com](http://www.uschrome.com)