



Technologies

# Alodine 5700

*A non-chrome conversion coating for use on non-ferrous metal*

## PRODUCT INFORMATION BULLETIN

### DESCRIPTION:

The ALODINE 5700 treatment is a chromium free conversion coating specifically formulated for treating aluminum and its alloys. This product is formulated as a ready-to-use material for spray applications. The process provides an excellent base for organic finishes and bonding of adhesives. The process may be used for converting aluminum surfaces prior to paint in new aircraft painting as well as in repaint operations.

### OPERATING PARAMETERS:

The product is used as received. The aluminum surface being treated should be free from corrosion, oil, grease, dirt etc. It is recommended that the treatment solution and the metal surfaces to be conversion coated be between 60 and 100°F (15 and 37°C). Please refer to Technical Process Bulletin #236182 for detailed use information.

### THE PROCESS:

<u>Step</u>	<u>Description</u>
1	Clean using Aerowash or Turco 5948 DPM
2	Thorough water rinse
3	Acidic Surface Preparations, Alumiprep 33 or Turco Metal Glo # 6
4	Thorough water rinse
5	Alodine 5700 Application
6	Thorough water rinse with high quality water (see process bulletin)
7	Dry

### FEATURES & BENEFITS:

- Easy to use: Alodine 5700 chemistry is ready to use. No mixing, dilutions or handling prior to use.
- Safe to use: Alodine 5700 contains no chrome or other hazardous constituents.
- Excellent paint adhesion and corrosion resistance with conventional and chrome free primers and paint systems used in Aerospace and Automotive applications.
- Alodine 5700 has many approvals. Additionally, Boeing Corporation will provide approval (through your local Boeing Tech Rep) for use in repainting aircraft.
- Alodine 5700 is approved by TACOM for use on land-based vehicles.
- Alodine 5700 will meet the paint adhesion and painted corrosion requirements of Mil-DTL-81706A. It is not listed on QPL-81706-16.
- Alodine 5700 is available in concentrated form (Alodine 5200) for use in immersion applications.

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