



Specification Sheet

CC-1010

Powdered Chromated Aluminum Conversion Coating

CC-1010 is a powdered chemical used to produce a protective coating on aluminum which minimizes corrosion and provides an improved bond for paint.

CC-1010 process range in color from a light iridescent golden to tan.

- Orange powder
- Contains chromates and fluorides
- pH of 1-2% solution : 1.1 – 2.5

The complete process for the **CC-1010** treatment normally consists of the following steps:

1. Cleaning
2. Water rinsing
3. Deoxidizing (required for heavily oxidized surfaces)
4. Water rinse (required when deoxidizing is used)
5. Treating aluminum surface with the a 1-2% solution of **CC-1010**. (1 pound of CC-1010 to 5 gallons of water)
6. Water rinsing
7. Drying

Acid-resistant (rubber, stainless steel, or plastic) buckets, tanks, or other suitable containers are used to hold the CC-1010 solution.

For continuous use in spray applications; plastic or stainless steel cups and nozzles should be used in spray equipment. Ordinary spray equipment (satisfactory for short or infrequent application) will be attacked slowly by **CC-1010** solution. This may be minimized by thoroughly flushing with water immediately after use.

NOTE: Deoxidizing can be done with **CR-1010 Corrosion Remover**.

Important:

All parts of application equipment that come in contact with **CC-1010** must be made of acid resistant materials such as stainless steel, rubber, or plastic such as PVC, polyethylene, or polyester. Use plastic buckets and synthetic bristle brushes.

Caution:

When handling the chemical products used in this process, the first aid and handling recommendations on the Material Safety Data Sheet for each product should be read, understood and followed.

The following precaution should be observed during the operation of the **CC-1010** solution;

- Adequate ventilation should be provided for the process area.
- Operators must not breathe **CC-1010** vapors.
- Open containers in a well ventilated area.
- Keep containers closed when not in use.
- If skin contact occurs, flush with water for 15 minutes, wash with soap and water, and if necessary, seek medical attention.

Health Precautions:

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

**For industrial use only.
Keep away from children.**



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Shelf Life: 2 years

Approved by or Conforms to the following specifications:

MIL-DTL-5541F, Type I, Chemical Conversion Coatings on Aluminum and Aluminum Alloys

MIL-DTL-81706B, Type I, Chemical Conversion Materials for Coating Aluminum and Aluminum Alloys

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