



## PRODUCT BULLETIN

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# ***ELDORADO DORADO KOTE #4***

## CONVERSION COATING

*Eldorado Dorado Kote #4* is a ready to use liquid, which forms a yellow-gold chromate conversion coating on aluminum surfaces. The coating produced provides corrosion protection and an excellent base for paint.

### PROPERTIES

1. Orange liquid
2. Contains chromates and fluorides
3. pH of solution: 1.1 – 2.5
4. Approved by or conforms to: MIL-C-5541

### USE

#### Dip application

1. Clean metal thoroughly with a good noncorrosive, alkaline cleaner.
2. Rinse thoroughly with water
3. Deoxidize with a good aluminum deoxidizer such as **Eldorado D-1** at 1 lb. per gallon.
4. Rinse thoroughly with water
5. Immerse in **Dorado Kote #4** at a concentration of 50% in water. Immersion time will vary from 1-3 minutes, depending upon the aluminum alloy, solution concentration, and bath temperature. Bath temperature must be maintained in the range of 50° to 90°F. Tank should be constructed of plastic or stainless steel.
6. Rinse in cold water
7. Dry in dryer at a temperature not to exceed 135°F, or dip in warm water not to exceed 135°F and allow to dry, or blow water off the aluminum with air until dry.





## DORADO KOTE #4

### Spray application or Brush application

1. Clean area to be Dorado Koted with Eldorado **ED-500** or **Neutrakleen** or another convenient means, which gives a water breakfree surface.
2. Rinse thoroughly with water
3. Deoxidize by applying **Eldorado AC-5** for 5 minutes
4. Rinse thoroughly with water
5. Apply **Dorado Kote #4** solution at a concentration of 50% dilution in water, at room temperature, with a nylon paintbrush, plastic sponge, or spray equipment. The solution should be applied liberally until a light-golden color is obtained.
6. Rinse with water and allow to dry. (Usually 8 hours, but not longer than 48 hours before painting)

### **PRECAUTIONS**

Since *Dorado Kote #4* contains hexavalent chromium, it should not be allowed to dry on combustible materials. If accidentally splashed on skin, it must be promptly washed off with water. It is advisable to use protective clothing such as face shields and rubber gloves. When spraying, respirators must be worn which can remove chromic acid mist. Consult MSDS for further use and precautions.

