



## **KEMCOT LG** **GREEN - ALUMINUM CONVERSION COATING** (Free of hexavalent chromium)

### **Description:**

KEMCOT LG is a special liquid product for providing aluminum with a green chemical film or coating of the surface conversion type, for protection against corrosion and improvement of paint adhesion.

### **Pre-Cleaning:**

Before using KEMCOT LG surfaces must be free from grease, soils and oxides. RADOL 22-22F (5% in the water at room temperature) is recommended for cleaning and deoxidizing. Parts must thoroughly be rinsed with clean water after cleaning. Rinse tanks should be kept pure and refilled daily.

### **Application:**

Use KEMCOT LG is usually used diluted with water in a concentration 10 % in water. The clean aluminum parts are immersed in the KEMCOT LG bath at room temperatures of about 3 minutes to 5 minutes depending on the aluminum alloy and the condition of the solution. For spray operations the contact time is 1-2 minutes.

After treatment the parts should be thoroughly rinsed with water. First in water at ambient temperature and then with deionized water.

The final dry-off may be accomplished by conventional methods; however, temperature during drying should not exceed 50°C.

### **Usage:**

The conversion coating on aluminum does not contain hexavalent chromium but trivalent chromium and is used where hexavalent chromium is not permitted.

### **Composition of Green coating:**

$\text{CrPO}_4 \cdot 6\text{H}_2\text{O}$	75-90 %
$\text{Al}_2\text{O}_3 \cdot 3\text{H}_2\text{O}$	10-25 %

### **Safety:**

Avoid contact with skin and eyes. Rinse with plenty of water in case of contact. Wear protective clothing when handling. For further information refer to Material Safety Data Sheet (MSDS).

### **Packaging:**

KEMCOT LG is available in 20 liter pails or 210 liter drums.