

Features & Uses

Chrome conversion coating for aluminum. ALODINE 1201 is a non-flammable, chromic acid based, coating chemical that will produce a chrome conversion coating on aluminum and its alloys. The coating formed by ALODINE 1201 is gold to tan in color and it becomes a part of the aluminum surface. This chrome conversion coating provides an excellent substrate for paint adhesion and corrosion resistance.

Specification Data

Type: Chromic Acid Conversion Coating

Packaging: Gallons and Quart Containers

Theoretical Coverage: Sq. Feet/Gallon:

The quantity of ALODINE 1201 needed will vary with the mix ratio, application efficiency, part size, and the amount of corrosion to be removed. Under ideal conditions, a gallon of ALODINE 1201 will treat 800 square feet (74m²) of surface.

VOC: 0 g/lit or 0 lbs/gallon

Product Components, Reducers, Additives, and Auxiliary Components

ALODINE 1201..... 73003

Application Equipment

Acid resistant brushes, synthetic sponges, clean cloths. Mix ALODINE 1201 in acid resistant rubber, stainless steel or plastic buckets.

Surface Preparation

Clean and deoxidize the surface with ALUMIPREP 33. After cleaning, the metal must be thoroughly rinsed with water. Inadequate rinsing may result in a surface condition which will cause corrosion of the finished part.

Mixing & Reduction

Use as packaged, no dilution needed.

Application Instructions

Note: Operators should be equipped with rubber gloves, aprons and goggles to avoid contact with the solution. Adequate ventilation should be provided. See Material Safety Datasheet for complete information.

Ideally the ALODINE 1201 should be applied while the surface is still wet from the rinse of the ALUMIPREP 33.

Operation

Time: 2 minutes to 5 minutes

Temperature: Room temperature to 100°F.

Selecting the size of the area to be treated at one time depends on the method of application, condition of the metal surface, method in which the surface was cleaned, temperature and part configuration.

1 East Water Street • Waukegan, Illinois 60085 • USA • Tel: 847.599.6212 • Fax: 847.599.6209

Bannerlaan 54 • B-2280 Grobbendonk • Belgium • Intl. Tel: 32.14.257770 • Intl. Fax: 32.14.230880

76 Waterway Drive • Coomera • QLD 4209 • Australia • Tel: 61.7.5573.9600 or 1800.007.866 • Fax: 61.7.5573.9677

449 Tagore Industrial Avenue • 04 03 Hong Joo Industrial Building • Singapore 787820 • Tel: 65.6453.1981 • Fax: 65.6453.1778

ALODINE 1201 coating chemical should not be allowed to dry on the metal surface. With brush application the surface should be re-wet with fresh ALODINE 1201 several times during the treatment time. If drying does occur, re-wet with ALODINE 1201 coating chemical prior to water rinsing.

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

© Akzo Nobel, 2005