



Aseal 5200

Application

Aseal 5200 is a chrome-free high temperature sealer for use over Aseal 5000.

Description

Aseal 5200 is a high temperature resistant one component composition for use over Aseal 5000. The purpose of this sealer is to enhance the smoothness of the Aseal 5000 and to extend the long term corrosion protection by retarding the sacrificial consumption of these coatings.

Colors

Available in Standard Green/Gold, Forest Green, Valley Green, Emerald Green, Tan, Chestnut Brown, Yellow, Sky Blue, Midnight Blue, Light Gray, Chrcoal, and Black.

Surface Preparation

Aseal 5000 should be applied as per specification. After application and curing the surface should be aluminum oxide blasted using #240 to #320 grit at approximately 30 psi air pressure (suction blaster) so as to make the surface conductive (10 ohms or less with probes of ohm meter 1" apart) without noticeable removal of coating. Blasting grit should be removed using an oil free air blast.

Application of Sealer

Apply Aseal 5200 using a standard siphon feed spray gun as used for lacquer type materials. A light mist coat should be applied first then followed with a heavier coat. This sealer is only applied at 0.1 to 0.2 mils. After spraying, it should have a uniform wet glossy appearance. Coating film should be allowed to air dry for a minimum of 20 minutes.

Curing Procedure

After 20 minute air dry, parts should be oven dried at 175° F. for a minimum of 20 minutes, then cured at 600° F. for 30 minutes.

Removal of Coating

If it should be necessary to remove the cured coating, it can be stripped by grit blasting or immersing in a hot (approximately 150° F.) caustic solution then lightly grit blasting. Care should be taken when using a caustic solution since hydrogen will be generated due to the aluminum base coat. Area should be well ventilated.

Touch-up

If a small area is nicked or scratched and requires a cosmetic touch-up, the Aseal 5200 may be used as the repair material. Lightly abrade the affected area by hand using an abrasive pad or sandpaper. Apply the Aseal 5200 by brush or spray and allow to air dry for 1 hour.

NOTE: This coating does not provide the full extent of its protective properties when only cured at ambient temperature. This procedure is to be used for cosmetic touch-up of very small nicks or scratches only.

Precautions

Normal precautions should be taken for handling of alkali materials. Avoid ingestion. Harmful or fatal if swallowed. Avoid inhalation of spray mist and contact with eyes. In case of eye contact flush immediately with plenty of water and consult a physician. Avoid prolonged or repeated contact with skin. For skin contact flush with plenty of water.

When spraying, a suitable exhaust system should be used. If spray mist is not completely removed from air a suitable respirator should be used.

In case of spill use absorbing material to soak up and then flush area with water.

See Material Safety Data Sheet before using.

Waste Disposal Method: Dispose of waste in accordance with federal, state and local environmental control regulations.

Note: Some manufacturers using this coating composition develop their own application and cure procedure specifications and in all cases they should be followed in place of the foregoing procedures.

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