

Eldorado PR-5044

Eldorado PR-5044 is a viscous, peroxide-activated, benzyl alcohol paint and primer remover designed for removal of durable polyurethane and epoxy paint systems. PR-5044 is environmentally compliant and worker-friendly.



Conforms To

- Boeing
 - BAC 5725
 - D6-17487
- Cessna
 - CSFS0404
- Douglas
 - DPM 5549
 - CSD-1
- Dassault
 - NTO
 - DGT 337188
- Embraer
 - Embraer 145
 - MEP 21-016
- Honda Aircraft Company
 - HJMS-9001



Benefits

- Fast-acting paint removal.
- Contains no chlorinated solvents, phenols, or chromates.
- May be applied to vertical, inclined, or overhead surfaces.
- Remains wet on surfaces for many hours reducing need to re-apply.
- Effective on polyurethane and difficult epoxies.
- Safe on anodized and other aluminum alloys, cadmium, ferrous alloys, titanium, and non-embrittling to high strength steel.

McGean® recommends checking the most recent specifications for updated information.



Properties

- Bright Yellow



Notes Prior to Handling

Before using your McGean® products, all safety and operating instructions should be read and understood. If you have any questions, please contact your McGean® representative before proceeding.

Use Procedure

Recommended Application Conditions

Temperature	59 – 86°F (15 – 30°C)
Relative Humidity	20 – 90 %

Application

Works well at a preferred temperature range of 65° to 85°F (19° to 29°C), with a removal performance maximum of 95°F (35°C). Before using PR-5044, mask off or cover critical areas, such as openings, composites, rubber, or plastic windows, with non-porous materials to prevent ingress or damage.

The applied thickness of paint remover should be about 2 times thicker than the paint film. The minimum wet film thickness should be 8 mils. Dwell time is dependent upon temperature, humidity, and airflow, but expect from 1 to 8 hours. If another application of PR-5044 is required, apply after removing loosened paint.

Paint remover operation should be performed in a manner so that material is promptly removed and reapplied before drying. If the applied remover turns “clear” on the paint after several hours, this indicates the remover is absorbed or drying up. Allow extra dwell time to judge the need for re-applying. Avoid allowing the stripper to stay on the aircraft longer than eighteen hours.

Once the removal operation is complete, agitate the surface with a stiff bristle brush or non-metallic scraper to dislodge loosened paint and adherent primer. Removal of spent remover and digested paint may be accomplished by low volume high-pressure spray, high-volume flush rinse, or by use of a squeegee. The removal method is dictated by water use constraints and disposal regulations. Squeegeeing to remove stripper and paint residues can very cost effective by minimizing water usage and cleanup time. Plastic sheeting placed under the aircraft have been found to be useful to facilitate the collection of squeegeed off stripping residues.

Surfaces must be cleaned, preferably within 2 hours, while any remaining paint residues are still damp with remover. For best results, clean the surfaces with an approved alkaline cleaning solution to remove all stripper residues and neutralize peroxides. Pay close attention to direct spray into skin flaps and seams that trap residue. Thoroughly spray rinse all cleaned surfaces with water, checking water entrapment areas to be free of debris that block water flow.

Equipment

Eldorado PR-5044 paint remover can be applied with a non-atomizing spray gun or paint brush.

Caution

Important:

All parts of application equipment that come in contact with PR-5044 must be made of stainless steel (CRES) or chemically resistant plastic, such as PVC, polyethylene, or polypropylene. Use plastic buckets and synthetic bristle brushes. Do not contaminate PR-5044 with other types of paint removers. Avoid contamination with wipe solvents.

Caution:

Used material contaminated with paint flakes and organic materials may undergo spontaneous decomposition. Paint flakes must be rinsed with water to remove paint stripper prior to packaging in vented containers before disposal. Always use polyethylene or polypropylene containers for storing paint chip waste.

Safety, Handling, and 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.

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CAUTION: Before using any of these products, you must become completely familiar with the safety and hazard information contained in our safety data sheets regarding these products. McGean-Rohco, Inc. (the seller) presents the information contained herein without warranty and disclaims any liability from its use or misuse. Seller recommends use of the information Seller's products solely in commercial processes which are specified by Seller and which do not violate any third party patent rights or any laws or regulations. The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose except as expressly stated in the seller's sales contract or sales acknowledgement form.

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