

# PPG Aerospace Surface Solutions

## Coating Removal and Pre-Paint Products



### PPG Aerospace Coating Removal Products are setting standards for effectiveness, safety and innovation

PPG Aerospace stands apart in the coating removal by being the only coatings manufacturer actively developing coatings removal products to meet the challenges of next generation coatings systems and environmental compliance requirements.

PPG is advancing aerospace coating removal technology with new developments such as chrome-free coating system removal and the most environmentally preferred products in the market. Look to PPG Aerospace to solve your most complex coating removal problems.

PPG Aerospace offers over 25 different paint and coating removal products, each formulated to maximize efficiencies for specific aerospace and defense maintenance procedures. Products include:

- Pre-Cleaners and wipe solvent
- Environmentally preferred strippers
- Methylene chloride strippers
- Corrosion removers and brighteners
- Conversion coatings
- Adhesion promoters

### Top Selling Products

#### DesoGel EAP-9 and EAP-12

- Can be used with traditional or chrome free primers
- Eliminates the need for acid etching
- Reduces repaint cycle time
- No trace hazardous materials
- BMS 10-128 qualified

#### PR 5044 – Peroxide Stripper

- Meets 100% of Boeing and Douglas requirements, including magnesium
- BAC 5725 approval
- Used by many major airlines

#### PR 3133 – Military Alkaline Stripper

- Only stripper that removes military-spec epoxy primer, polysulfide corrosion barrier, and polyurethane topcoat in a single pass
- Meets federal spec TT-R-2918, Type I and Type II

### Environmentally Preferred Strippers

**PR-2002** is a formic acid-activated benzyl alcohol stripper which is extremely effective on many types of commercial paint systems and has Douglas approval for fuel resistant primers. MIL-R-81903.

**PR-3133** is an alkaline-activated benzyl alcohol stripper which is extremely effective on many types of military paint systems, include Koroflex® Primer Systems, Polysulfide and Epoxy resin. Meets Federal/Military Spec TT-R-2918, Type I and Type II; USAF Tech Order 1-1-8; approved by Lockheed and Grumman; AMS 1375B.

**PR-5044** is a benzyl alcohol peroxide stripper that effectively and quickly removes many types of commercial coatings. It meets Boeing and Douglas process specs including magnesium. BAC 5725, Boeing D6-17487, Douglas, CSD #1, Dassault, Embraer, Cessna, Honda, Mesa and HMS20-1267.

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## Chlorinated Paint Strippers

**PR-3500** is an extremely fast acting stripper which blisters and removes most coating systems in minutes. Contains the action-enhancing properties of phenol and the corrosion inhibiting properties of chromate. MIL-R-81294D, AMS 1375, USAF Tech Order 1-1-8, Boeing D6-17487, Douglas, CSD #1, Chinese Aviation Authority Approval, ARP 1755.

**PR-3451** is an ammonia-activated alkaline stripper with high solvency. Excellent performance on lacquers and enamels. Shows exceptional rinse-ability for a methylene chloride stripper. MIL-R-81294 Type II.

**PR-4008** is an acid-activated stripper. Extremely powerful and removes a broad array of coatings and primers. Works well at low temperatures. CSD #1, Boeing D6-17487, MIL-C-81903A, TYII, CI 1.

## Acid Brighteners

**AC-5** is a fast acting, economical aluminum brightener and deoxidizer which contains a blend of several acids for high performance. It is the best choice for routine, experienced operators. Airbus, Douglas CSD #1, Boeing D6-17487, AMS 1626.

**AC-12** is a slower etch-rate brightener that assures a wide margin of safety for operators doing infrequent brightening or for applications requiring a modest improvement in surface preparation. Douglas CSD #1, Chinese Aviation Authority approval, AMS1640, Mil-C-38374.

## Adhesion Promoters and Conversion Coatings

**DesoGel EAP-9 and EAP-12** is extremely cost effective, chromate free adhesion promoter designed to improve adhesion under traditional chromated primers and provide industry leading adhesion under chrome free coatings systems. Virtually eliminates rivet rash and removes a step from the repaint process. Available in clear and blue tinted versions. BMS 10-128 TY 1.

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

Desoclean, Desoto and Koroflex is a trademark of PRC-DeSoto International, Inc.

**Dorado Kote 4** is a liquid, fast acting chromated conversion coating for use prior to painting which resists corrosion and improves adhesion of the primer. Recommended for use with DeSoto® high solids and conventional primers. Conforms to performance standards of MIL-C-5541.

## Pre-Cleaners and Solvents

**Astromat Orange DF** is a highly effective, dilutable exterior cleaner designed to remove all types of soils prior to stripping including heavy grease, carbon, hydraulic fluids, and dirt. Concentrated product priced as if ready-to-use. Boeing D6-17487, Douglas CSD #1 and AMS 1583.

**ED-500** is an excellent butyl cellosolve, dilutable, exterior cleaner for aircraft. May be diluted from 1:1 for really tough wheel wells, or before DesoGel application, to 1:20 for routine "crown" cleaning. Boeing, Douglas and General Dynamics, MIL-C-2576H.

**Desoclean® 45** cleaner is a broad spectrum solvent cleaner that removes a wide range of contaminants without leaving residue. Flashpoint of 22°F (-5.6°C). STMO 752, BAC 5750, BAC 5322, DPM 8266.

**Desoclean® 110** cleaner is a broad based spectrum solvent cleaner that removes a wide range of contaminants without leaving residue. It is not recommended for cleaning spray equipment. Flashpoint of 103°F (39.4°C). BAC 5750.

## Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

**For industrial use only. Keep away from children.**

Additional information can be found at [www.ppgaerospace.com](http://www.ppgaerospace.com).

For sales and ordering information call 1-800-AEROMIX (237-6649).



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