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Application of PS-3010 Paint Remover

SAFETY PRECAUTIONS

PS-3010 is a peroxide –activated paint remover and Health and Safety Precautions must be observed for the safe application of this product. Operators are to familiarize themselves with the MSDS prior to using the solution.

Full face shield, chemical resistant clothing (Tyvek or similar) protective gloves and boots should be worn at all times when working with this product.

1. SCOPE

1.1 The following generally describes the process and procedure for the application of the PS-3010 Paint Remover to aircraft surfaces. Where specific application questions arise contact AEROSUPPLIES.CA (the supplier) for assistance in determining the most appropriate method for non-standard application conditions.

1.2 Prior to application for the PS-3010, care should be taken to ensure that areas such as de-icer boots, window areas, exposed elastomeric seals, magnesium components (i.e. wheel assemblies) and composite surfaces are properly masked to prevent contact with the paint remover. Pitot tubes, static ports, vents etc. are to be masked or protected to prevent ingress of the PS-3010 into areas that do not require stripping.

2. REFERENCES

2.1 PS-3010 Specification Sheet

2.2 PS-3010 Safety Data Sheet Revision 8

3. MATERIALS

3.1 Safety gear for the spray application of the PS-3010 such as chemical resistant clothing (Tyvek) or similar) protective gloves, protective boots, full face shield, respirator/PAPR.

3.2 PS-3010 Aircraft Paint Remover.

3.3 AC-2010 Alkaline Cleaner- Water Based.



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4. EQUIPMENT

- 4.1 Graco 224-350 (5:1) stainless barrel pump or similar.
- 4.2 Stiff bristle brushes – synthetic bristle type.
- 4.3 Non-metallic scraper.

5. PROCEDURE

- 5.1 When covering large areas, the PS-3010 Paint Remover is to be applied using an airless sprayer (ref. 4.1) following the equipment manufacturers instructions. Temperature for solution application should be a minimum of 17°C (65°F)
- 5.2 Spray operations should commence on the upper tail surfaces and continue along the airframe in a slow sweeping motion, allowing for the surfaces to be coated before moving onto the next section of the aircraft.
- 5.3 After coating the upper surfaces of the aircraft, systematically move to the central and lower sections of the aircraft, with the ultimate goal of working to the underside of the aircraft.
 - 5.3.1 Depending upon the solution viscosity at delivery (from the sprayer), the application process can be altered to spray in vertical patterns along the airframe. Coating all exposed, painted surfaces in a manner convenient to the operator that provides full coverage in a minimal amount of time should be a primary consideration.
- 5.4 During the spray application process, the operator should occasionally examine the aircraft surfaces for complete coverage. Re-spray areas that appear to have minimal coating. Where considered necessary, the application of the paint remover with the use of a brush (ref. 4.2) is recommended.
- 5.5 Allow the PS-3010 to dwell on the surfaces for 1-8 hours.
- 5.6 Spray or brush PS-3010 onto surface to be stripped. Dwell time is dependent upon temperature and airflow, but expect from 1-8 hours. Once stripper has loosened paint, squeegee or agitate surface to remove loosened paint and stripper residues.
- 5.7 If second application of PS-3010 is required, apply after removing loosened paint.



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- 5.8 Once operation is complete, surface should be cleaned with alkaline soap. AC-2010 (ref. 3.3) is recommended for removing remaining stripper residues and neutralizing peroxides. Surface must be cleaned with an alkaline material within 1 hour of stripper removal. When spraying alkaline soap, pay close attention to directing spray into skin flaps and seams. Rinse all surfaces thoroughly.
- 5.9 If required use non-metallic scrapers (ref. 4.3) to assist in the removal of paint from confined areas. Local application of PS-3010 with the use of a brush (ref. 4.2) can be accomplished to detail paint removal.
- 5.10 Subsequent to the removal of the paint and rinse with PS-2010 cleaner, water from a pressure hose can be used to remove the solutions and any adhering remnants of the paint.