

SPC-901

AIRCRAFT COATING REMOVER

PRODUCT DESCRIPTION:

SPC-901 is a neutral product for de-painting aircraft and designed to comply with the latest Boeing, Airbus, Fokker and MIL specification. Other coating removers such as Formic Acid based will stop activating after 3 to 5 hours and suppliers recommend additional applications. SPC-901 will keep activating for much longer often eliminating the need for second applications. The product replaces toxic chlorinated and caustic products, has little odour, allowing other adjacent work to continue.

RECOMMENDED USE:

SPC-901 Aircraft Coating Remover will remove Polyurethane, Epoxy and other coatings from all types of substrate, including magnesium. Our SMI tests have confirmed that SPC-901 meets the requirements of Boeing, Airbus, MIL and others.

COVERAGE:

When brushing or spraying a coverage of less than 1 litre per square metre of surface is possible. Where there are multiple layers or paints of high percentage solids additional product may be required. Repeat application may be required but it is important that the first application has been fully absorbed.

PHYSICAL PROPERTIES:

Colour - Blue; pH - 5 to 7
Viscosity - 9000 to 18000 cPs
SG - approx. 1.01
Flash Point - > 100°C

PREPARATION:

1. Check OEM manuals for appropriate masking procedures.
2. Masking tape should be MIL-T-23397B, type II or similar.
3. Tape must be applied to clean surfaces and the edges pressed down with a piece of plastic to ensure adhesion.
4. Check windows from inside the aircraft for light shining through.

SITE CONDITIONS:

It is recommended that temperatures are above 10°C. The product works better at warmer temperatures. When working outside the protection of the hanger tentage or canopies may be required to eliminate effects from wind and rain. Good ventilation should be provided to confined areas.

APPLICATION:

When applying by BRUSH or ROLLER it is important to use a soft medium and apply generously to ensure an even and adequate coverage.

For best results use airless SPRAY equipment. Chemical resistant piston pumps larger than 2 hp or capable of above 2000 psi should be used.

Nozzle Tip	-	0.53 to 0.79 (0.021 to 0.031")
Spray Angle	-	65 to 80°

A rubber squeegee should be used for removal prior to water rinsing. High pressure wash and steam cleaners increase removal rates and reduce water usage. Care should be taken when using high pressure water that damage can occur to the substrate if pressure is too high, but it is important to thoroughly wash steel and aluminium substrates.

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DWELL TIME:

When using chemical removal products the first rule is not to remove them until they have been given time to work. It is therefore recommended that a minimum dwell of 1 hour should be given. SPC-901 will not dry out quickly and can be left overnight. When removing high solid speciality coatings a dwell time of 48 hours or longer may be required. Patch tests are very important.

REPAINTING:

Thorough or pressurised rinsing will remove all paint and product from the surface. Prior to painting the surface must be completely dry. Paint manufacturer's guideline should be adhered to for required surface preparation

HANDLING AND DISPOSAL:

All containers are HDPE and can be punctured or split if not handled with appropriate care. Pails and drums must be secured during transportation to prevent damage. Lids, cap and closures must be tightened when products are being transported.

SPC-901 is produced from organic chemicals and is fully biodegradable. Neutralising and dilution with water will be required to meet local waste or sewage disposal requirement. Seek advise on local authority requirements before disposal. Spills should be contained and disposed under the same requirements.

STORAGE:

Coating Remover SPC-901 should be stored in a cool dry environment. Extended storage at temperatures exceeding 35°C is not advised and may reduce the products efficacy. All containers must be sealed properly when stored.

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PACKAGING:

Gel: 5 and 20 litre pail; 190 litre drum

Product samples available in 1 litre container.

HEALTH AND SAFETY:

Avoid direct contact of the product with skin. Wear chemical splash goggles, rubber boots and gloves. Areas in direct contact with product including clothing should be washed thoroughly with water. Product may cause slight eye irritation and harmful if swallowed.

Read label and MSDS before use.

DISCLAIMER:

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