

SPC-909

AIRCRAFT COATING REMOVER

PRODUCT DESCRIPTION:

SPC-909 Aircraft Coating Remover is a faster acting neutral product for depainting commercial aircraft and complies with Boeing and MIL specifications. Other coating removers such as those based on formic acid will stop activating after 3 to 5 hours and suppliers recommend additional applications. SPC-909 will remain active for much longer often eliminating the need for second applications.

RECOMMENDED USE:

SPC-909 Aircraft Coating Remover has gained results from SMI testing which confirm that SPC-909 meets the requirements of Boeing and other authorities. The product replaces formic acid based, toxic chlorinated and caustic products, has little odour, allowing other adjacent work to continue.

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 - 6 to 8
Viscosity - 3000 to 12000 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 hangar tentage or canopys may be required to eliminate effects from wind and rain. Good ventilation should be provided to confined areas.

APPLICATION:

SPC-909 is manufactured for spray application.

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°

DWELL TIME:

Times required to lift paint systems will vary due too many factors:

1. Paint systems used on aircraft
2. MIL thickness of the paint system
3. Temperatures, both ambient and the skin of the aircraft
4. Recommended temperatures above 10°C and optimally above 18°C

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-909 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.

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REMOVAL:

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.

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

DISPOSAL:

SPC-909 is produced from organic chemicals and is fully biodegradable. Seek advise from local authority for requirements of product and waste disposal. Spills should be contained and disposed under the same requirements. Stripper residue and paint chips should be disposed of in accordance with local regulations. Dispose of stripper residue and paint chips in preferably vented plastic drums. When using metal waste drums, always use a plastic liner. Waste containers should not be completely filled nor tightly sealed as wet paint chips have a tendency to expand and need a breathing period of 24-36 hours. Only fill waste drums to 75% of volume.

STORAGE:

SPC-909 should be stored in a cool dry environment. Extended storage at temperatures exceeding 45°C is not advised and may reduce the products shelf life and efficacy. All containers must be sealed properly when stored. Never leave pumps stored in product after use.

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PACKAGING:

5 USG, 20L pail; 50 USG (190L) drum
Product samples available in 1 L containers.

HEALTH AND SAFETY:

Warning. Harmful if inhaled, swallowed or absorbed through skin. May cause eye, skin, respiratory irritation. Use only in well ventilated areas. If insufficient ventilation, use a NIOSH/OSHA approved organic vapor cartridge respirator. Avoid contact of the product with eyes, skin and clothing. Wear butyl rubber gloves, rubber apron and chemical splash goggles. Avoid breathing of vapors and mist. Areas in contact with product including clothing should be washed thoroughly with water. In case of skin/eye contact, flush with water for minimum 15 minutes and seek medical attention if irritation persists. If inhaled, remove to fresh air and seek medical attention if breathing is difficult. Keep out of reach of children. DO NOT MIX with other chemicals or other waste. Read label and MSDS before use.

DISCLAIMER:

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