

SPC-909N NEUTRAL PAINT REMOVER

SPC-909N is an aircraft paint remover specifically designed for aerospace applications. It is cost effective and features an environmentally friendly neutral chemistry. SPC-909N is safe to use on aluminum, mild steel, and titanium when used as directed. It is not recommended on magnesium. SPC-909N is a run-free gel with a long wet-time and a blue color that assists in ensuring total coverage.

- Water-based, biodegradable, neutral pH
- Clings to vertical and inverted surfaces
- Designed for aerospace alloys
- Hydrogen peroxide activated
- Non-carcinogenic
- Non-flammable
- Long wet-time
- Low odor
- Low VOC
- Better coverage than methylene chloride based removers.
- Effective at removing difficult primers and multiple layers (e.g. lacquers, acrylic, alkyd, polyurethane, epoxy).
- Free of methylene chloride, formic acid, chlorinated & halogenated solvents, phenols, chromates, ammonia, caustics or NMP (N-Methyl-2-Pyrrolidone).



SPC-909N NEUTRAL PAINT REMOVER

SURFACE PREPARATION

Always refer to OEM documentation on paint removal. In general:

- Clean the surface to be treated.
- Mask plastics, high strength steel and magnesium.
- Use a MIL-T-23397 Type II masking tape or similar and press down on edges to seal masked surfaces.

EQUIPMENT

The easiest and most effective application method is by **spray**. Brushes and rollers also work.

For spray application, use a **high-pressure pump** fitted with a **non-atomizing flat fan** nozzle. Follow the equipment manufacturer's instructions to achieve a constant application thickness of 1 mm (40 mil).

Thoroughly **rinse all equipment with water or cleaner and drain after use** (ex. hoses, pump, spray wand, brush, roller). Do not leave equipment in contact with SPC-909N outside of the application period.

USAGE

- **Stir SPC-909N before each use.**
- Protect from direct sunlight and freezing.
- Prevent the SPC-909N from drying on the surface. If it occurs, re-wet and rinse off with water.

Most paints will lift within 8 hours at 25°C (77°F). If after 12 hours at 25°C (77°F) the paint is only partially removed, clean off the coat of SPC-909N and apply a second coat. Applying fresh product over spent product will be inefficient. Paint removal speed depends on the surface *temperature* and *paint type*.

Surface Temperature: The recommended temperature is 25°C (77°F). The higher the temperature, the faster the removal. The supported application temperature range is 15 – 40 °C (59 – 95 °F). As a guideline, a 10 °C (18 °F) decrease in surface temperature will double the paint removal time. It is not recommended to use below 15 °C (59 °F) as the paint removal reaction will be particularly slow.

Paint Characteristics: The number of layers, total film thickness, age of the coating and type of resin all have an impact on the paint removal speed. Thicker, robust paints require more contact time and more than one application.

SPC-909N NEUTRAL PAINT REMOVER

RESIDUE DISPOSAL

Paint residue can be removed by plastic scraper, squeegee, a wet vacuum system or by a high pressure washer (be careful not to damage the substrate).

- SPC-909N reacts with metal containers (steel). Always use a plastic liner when using metal containers.
- Dispose of paint removal residue in vented containers.
- Only fill disposal containers up to 75% of their volume as residue expands after paint removal.
- Dispose of solid paint and paint removal residue in accordance with applicable regulations.
- Do not mix with other chemicals or waste.

CHARACTERISTICS

Appearance.....	Blue emulsion
Specific Gravity	1.02 - 1.04
pH	6 - 8
Viscosity @ 20 °C.....	3000 - 12000 cPs
VOC Content.....	405 g/L
Storage Temperature.....	5 - 45 °C
Freezing Point.....	0 °C
Boiling Point.....	> 100 °C
Typical Coverage @ 1mm	1 m ² /L

APPROVALS

Approvals

Cessna CSFS 040 TYPE VI
Delta Engineering Repair /
Authorization 10-489048-14 REV A.
Hawker Beechcraft BS298449 Process
Standard 900-1-4
Saab STD 177013
Sirkosky SS 8786 TYE A, B, C, D

No Technical Objections (NTO)

Airbus aircraft (A300, A320, A340)
Airbus Helicopters metallic structures
BAE systems on regional aircraft
Boeing aircraft
Bombardier CRJ aircraft
Embraer aircraft
Fokker aircraft

Conformities

ASTM F2111: IGA EGP
BOEING BAC 5725
BOEING D6-17487
(except corrosion test on Mg)
McDonnell Douglas CSD #1
SAE MA4872
MIL-R-81903
EPA-821-R-02-013

SPC-909N NEUTRAL PAINT REMOVER

SAFETY AND PRECAUTIONS

Refer to the Safety Data Sheet (SDS) and the label on the packaging before handling product.

- Comply with all applicable safety, disposal, and transportation regulations.
- Harmful if inhaled and swallowed. Can be absorbed through skin and may cause eye, skin and respiratory irritation. Avoid contact with the eyes, skin and clothing. Wear butyl rubber gloves, a rubber apron and protective goggles. If contact with product occurs (including clothing), wash thoroughly with water. In case, of skin/eye contact, flush with water for a minimum of 15 minutes and seek medical attention if irritation occurs.
- Avoid breathing in vapors and mist. Use only in well ventilated areas. If ventilation is limited, use a NIOSH/OSHA approved organic vapor cartridge respirator. If inhalation occurs, move to fresh air. Seek medical attention if breathing is difficult.
- For Professional use only. Keep out of reach of children.



The information provided herein is for reference purposes only and not meant as a basis for requirements. This information is not a substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Socomore makes no warranty and assumes no liability in connection with the use of this information, particularly if a third party's rights are affected by the use of our products. All information is subject to change as we deem appropriate. Please check legislation applicable to the use of this product. Should you need any further information please contact us.