

TECHNICAL DATA SHEET

CH9004

Code 6200

Environmentally Friendly, Peroxide Activated Aircraft Paint Stripper

DESCRIPTION

Callington CH9004 is a low odour, non-toxic, hydrogen-peroxide activated, environmentally friendly thixotropic paint stripper that effectively strips typical aircraft paint/primer systems like polyurethane, epoxies, epoxy primers etc.

FEATURES & BENEFITS

- Environment-friendly paint stripper with lower risks for environment, health, and safety.
- Made with biodegradable, low odour, low VOC solvents.
- Does not contain methylene chloride, NMP, phenols, amines, nitrites, acids, phosphates or chromates.
- Thixotropic - clings to vertical, inclined, and overhead surfaces
- Slow evaporation and effective paint stripping.
- Safe on aircraft structural metals like aluminium, titanium and steel alloys.



APPROVALS

Callington CH9004 meets the corrosivity requirements of

- ✓ Boeing BSS 7432
- ✓ SAE MA4872A
- ✓ Douglas CSD-1
- ✓ Bell Helicopters 00303040

APPLICATION

1. Thoroughly clean all paint stripping equipment (spray guns, pots, pumps and pressure hoses, etc.) per the equipment manufacturer's recommendations.
2. Use a dedicated pump when applying stripper to aircraft
3. **Optimum results are achieved with temperatures between 18°C (65F) and 29°C (85F).**
4. Remove all oil and dirt by washing aircraft with a Callington exterior alkaline cleaner (e.g, CH087, CH511C, CH8150HG), or equivalent, before stripping.
5. Rinse the surface with water to ensure it is clean and free of alkaline residue before treating with a stripper. Allow surface to completely dry before stripping.
6. **Before applying the stripper, cover any sensitive areas like electronics, composites, magnesium or plastics. This must be done in accordance with standard aeronautical specifications and requirements of acid strippers detailed in the plane type OEM manuals.**
7. Spray or brush CH9004 onto surface to be stripped.

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8. Spray Application: Spray an even, medium coat of CH9004, starting from the bottom of the aircraft and working upward. The recommended thickness of application is two times the thickness of the paint coat, for example if the paint coat is 4mils in thickness, apply product to approximately 8mils of thickness.
9. Keep the surface wet with CH9004 until the paint starts to buckle.
10. Allow for sufficient contact time (2-9 hours or more) depending on the ambient temperature, paint system and thickness of paint to be stripped. Reapply CH9004 paint stripper as required.
11. When the paint is starting to lift, agitate the surface area to remove any loose paint.
- 12. Reapply CH9004 paint stripper to leftover painted areas as required. Avoid application to bare metal surfaces**
13. When all paint is lifted, agitate the surface to remove the loosened paint and any residual stripper.
14. After finishing the stripping process, collect stripper and paint residue into clean plastic waste bins for disposal as solid waste according to local trade waste regulations.
15. Apply an alkaline cleaning solution (e.g. CH087, CH511C, CH8150HG), to effectively remove any left over paint or paint stripper residue.
- 16. Finally, rinse the surface with high pressure water to ensure all traces of stripper and cleaning solution have been removed.**

SUITABLE EQUIPMENT

CH9004 is best used with high pressure (5:1 or 10:1) air activated spray pumps, coupled with high pressure hose and spray wand, using a fan size tip nozzle.

For more information, please call your nearest Callington representative.

HANDLING & SAFETY PRECAUTIONS

Read the Material Safety Data Sheet before use.

Mixing or cross-contamination of acid-activated strippers with hydrogen peroxide activated stripper can be highly corrosive to aluminium. If a **peroxide**-activated stripper is used initially to strip paint, but it is then required to use an **acid**-activated stripper (or vice-versa), the aircraft must be thoroughly washed down with water to remove all residue of the initial stripper before applying the alternative stripper. The aircraft should be allowed to dry after washing before applying paint stripper.

CH9004 contains hydrogen peroxide. Avoid contact with skin and eyes; gloves and adequate eye protection should be worn. If skin contact occurs, flush with water for 15 minutes, then wash with soap and water.

STORAGE & DISPOSAL

Store and transport CH9004 in a dry place in the original packaging. Store CH9004 in its original drums in a cool, well-ventilated place away from direct sunlight at temperatures from 10°C to 30°C.

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ORDERING INFORMATION

Product Code	Packaging	Units/Carton
6200/51	20 litres	Each
6200/64	200 litres	Each

PHYSICAL PROPERTIES

Appearance:	Smooth pink paste
Specific Gravity at 20°C:	Approx. 1.05
pH:	5 ± 1
Shelf-life	18 months (When stored as directed)

WARRANTY – All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.

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