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# Paint shop solutions

*A complete range of approved aerospace solutions for OEM & MRO surface cleaning & preparation operations*

The Surface Company

# Paint shop solutions

***Range of products suitable for every step of the elementary part sub-assembly, final assembly (FAL), depainting and repainting process:***

- ***Surface cleaning & degreasing***
- ***Paint removal***
- ***Sealant removal***
- ***Surface oxide removal***
- ***Paint adhesion promotion***
- ***Paint equipment cleaning***
- ***Surface protection***

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Products in our paint shop range are approved by multiple OEMs including:

AIRBUS, AIRBUS HELICOPTERS, AIRBUS MILITARY & SPACE, ATR, BAE SYSTEMS, BELL HELICOPTERS, BOEING, BOMBARDIER AEROSPACE, CAAC, CESSNA, CFM INTERNATIONAL, COLLINS AEROSPACE, COMAC, DASSAULT AVIATION, EMBRAER, GE, GULFSTREAM, HAWKER BEECHCRAFT, LEONARDO, LEONARDO HELICOPTERS, LOCKHEED MARTIN, PILATUS, PRATT & WHITNEY, ROLLS ROYCE, SAFRAN AIRCRAFT ENGINES, SAFRAN HELICOPTER ENGINES, SAFRAN LANDING SYSTEMS, SIKORSKY & the US NAVY.

**Our products are also listed in airline maintenance manuals.**

Socomore's product range is suitable for use by aircraft OEM and MRO operators, sub-contractors and airlines for operations on elementary parts, assembled aircraft and components.

Designed to meet users varied and different requirements and expectations, our products can potentially offer process and performance improvements, operational cost savings and environmental benefits by helping to improve efficiency, minimize downtime and reduce VOC emissions.

**We can offer a solution for each stage of the manufacturing and maintenance process.**

A wide range of non-destructive testing (NDT) products and materials for penetrant and magnetic testing

## Complementary offerings



Aeroglaze and Chemglaze anti-erosion coatings for use on exterior leading edges and surfaces

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# Surface cleaning and degreasing



## Aircraft cleaning

### Cleaners
Clean aircraft exteriors.

| | | |
|---|---|---|
| **Water rinsable cleaner** | Liquid | **SYNCLAIR A/C** |
| | Gel | **SYNCLAIR A2 GEL** |
| **No-rinse cleaner** | Solvent & VOC free<br>100% biodegradable* | **SOCOCLEAN EXTERIOR AIRCRAFT CLEANER** |

*Proven by the 28-day test according to OECD Guideline 301A

## Surface Preparation

### Solvent & Water-Based Cleaners
Clean & degrease metal & composite surfaces prior to paint, bond & sealant applications.

| Application | Cleaner | Flash point | Volatility | Product |
|---|---|---|---|---|
| **Cleaning/ degreasing before paint, bond & sealant application** | Solvent-based cleaners (100% VOC) | 30-40°C (86-104°F) | *** | **DIESTONE DLS** |
| | | 40-50°C (104-122°F) | ** | **DS 108** |
| | | 50-60°C (122-140°F) | * | **DIESTONE SR** |
| | Solvent based cleaner (70% VOC) | 40-50°C (104-12°F) | *** | **DIESTONE DLV** |
| **General cleaning** | Water-based cleaner (Very low VOC content) | N/A | N/A | **SOCOCLEAN AQUAFORTE** |

High Volatility: *** Medium Volatility: ** Low Volatility: * Refer to product TDS.

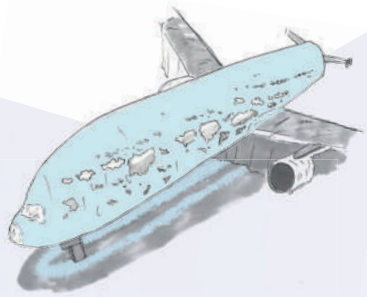
### Pre-Saturated Wipes
Combine with a cleaning solution for surface preparation operations prior to painting & bonding.

| | | | |
|---|---|---|---|
| **Small & medium surfaces** | Low lint cloth | Remove excess sealant<br>AMS & BMS approved | **SATWIPES C86*** |
| | Very low lint cloth | Tearing & abrasion resistant<br>Conforms to AMS 3819 requirements | **SOCOSAT 15233** |
| **Medium & large surfaces** | Extremely low lint cloth | Good solvent absorption capacity<br>Excellent ability to capture dust & soils<br>Conforms to AMS 3819 requirements | **SOCOSAT 16400** |

Refer to the product technical data sheet (TDS) for product approvals. To view our complete product range, visit www.socomore.com.

*Product produced by SOCOMORE as part of its partnership with Contec.

# Paint removal



## Liquid & Gel Paint Removers

Free of phenols, chlorine, NMP & hexavalent chromium. Remove all types of paint including acrylic, epoxy, polyurethane & alkyd urethane paint systems.

| | | | | |
|---|---|---|---|---|
| **Liquid removers** | Alkaline activation | Suitable for all alloys | Bath temp: 20-40°C | **COMORCAP T4551** |
| | | | Bath temp: 80-115°C | **KEMSTRIP 600** |
| | Acidic activation | Suitable for all alloys except high strength steel | Bath temp: ambient | **SOCOSTRIP A4512** |
| **Gel removers** | Hydrogen peroxide activation | Suitable for all alloys except magnesium | 8 month shelf-life Approved by multiple OEMs | **SOCOSTRIP A0103N** |
| | | | 18 month shelf life Airbus approved, conform to Boeing Specs | **SOCOSTRIP A0109N** |
| | | | Shelf life: 15 months | **SPC-909N** |
| | Alkaline activation | Suitable for all alloys | Use on intermediate coat systems | **SOCOSTRIP A0102N** |
| | Acidic activation | Suitable for all alloys except magnesium, cadmium plated & high strength steel | Shelf-life: 15 months | **SOCOSTRIP A0212 SR** |

# Sealant removal



## Cured / Semi-Cured Sealant Removers

Remove fully cured sealants & adhesives without damaging substrates.

| | | |
|---|---|---|
| **Chemical** | Effective on polysulphide, polythioether, silicones & RTV. | **SKYRESTORE 406/407** |
| **Mechanical** | Resharpenable composite plastic scrapers that will not damage or scribe/ scratch substrates or painted surfaces. Available in a range of different sizes, shapes & composite plastics. | **SKYSCRAPERS** |

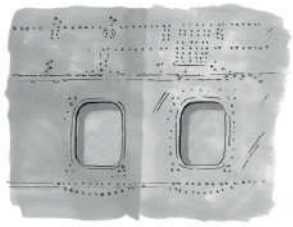
## Uncured Sealant and Resin Removers

Remove uncured sealants and adhesives without damaging substrates.

| | | |
|---|---|---|
| **Cleaning solvent for uncured resins and sealants** | VOC free | **DIESTONE ZERO HD** |
| | 100% VOC | **DIESTONE SR** |

Refer to the product technical data sheet (TDS) for product approvals. To view our complete product range, visit www.socomore.com.

# Surface oxide removal

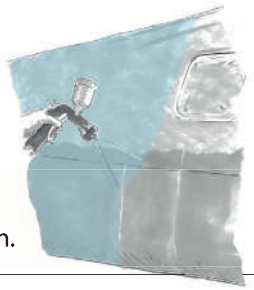


## Aluminium Surface Treatment Cleaners

Remove oxides from aircraft exteriors before sol-gel & paint application.

| | | |
|---|---|---|
| **Acid cleaner** | Gel | **SOCOCLEAN A2711** |
| **Acid deoxidizer** | Gel | **SOCOSURF A1855** |

# Paint adhesion promotion



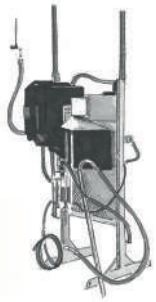
## Sol-Gels

Chromium free solutions for use on metallic & composite surfaces to enhance paint adhesion.

| | | |
|---|---|---|
| **BOEING Approved Listed in the AMS 3095* QPL** | Colourless | **SOCOGEL B0202** |
| | Coloured | **SOCOGEL B0202 BLUE** |
| **AIRBUS Approved Listed in the AMS 3095* QPL** | Coloured | **SOCOGEL A0203 BLUE** |

*see AMS QPL for approved paint systems.

# Paint equipment cleaning



## Cleaners

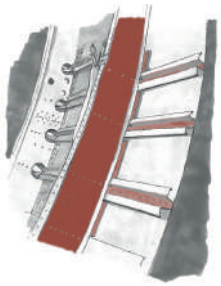
Clean paint application equipment, paint guns & circulation systems.

| | | |
|---|---|---|
| **Suitable for all types of paint** | 70% VOC content | **DIESTONE G11** |
| **Suitable for solvent-based paints only** | 100% VOC content | **DIESTONE A8290** |
| | 21% VOC content | **DISCOVERT DPLF** |
| **Suitable for water-based paints only** | Very low VOC content | **SOCOCLEAN PC1** |

Refer to the product technical data sheet (TDS) for product approvals. To view our complete product range, visit www.socomore.com.

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# Surface protection



## Corrosion Inhibiting Compounds (CICs)*

Water repellent & penetrant resistant protection for materials, spare parts and assemblies.
Apply on metal, composite, painted or unpainted materials for protection against environmental, physical & chemical attack.

| | | |
|---|---|---|
| **Medium-term temporary protection** | Water displacing dry film | **SOCOPAC 25H** |
| | Water displacing oily film | **WADIS 24/60** |
| **Long-term temporary protection** | Non-water displacing | **SOCOPAC 50S** |
| | Water displacing | **SOCOPAC 65H** |

## Temporary Protection Coatings (TPCs)

Washable coatings suitable for all types of metal and composite surfaces, painted or unpainted.
Protect against scratches & corrosion.

| | | |
|---|---|---|
| **Removable coating (with cleaner)** | Low VOC content | **PROPACO AP2** |
| | Corrosion preventive | **PROPACO SC** |

## CIC Removers

Remove waxy & oily protective coatings & greases.

| | | |
|---|---|---|
| **Non VOC gel-type product** | Water rinsable | **SOCOSOLV A3582** |
| **Solvent-based cleaner** | Apply by wipe or brush | **DIESTONE DLS, DS-108 or DIESTONE DLV** |

*All products may not be available in all territories. Check with your local representative.
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