

socomore



***Solutions for
the marine
market***

The Surface Company

SOCOMORE has 50 years' experience

in developing solutions for surface treatment and preparation prior to bonding, assembly and painting. These solutions are designed for the marine, energy, automotive, railway and aviation markets.

Our products are renowned for their ability to resolve technical challenges on boat painting and assembly lines in Europe. They were designed to increase our clients' **productivity**, to **optimise working conditions** or to reduce **environmental impact**.

- Short and long-term protection of detail and assembly parts during storage and life time
- Improvement of paint adhesion on all surfaces and materials
- Reduction of non-conformities due to incorrect surface preparation
- Streamlining of assembly and mounting operations
- Paint-stripping with NMP-free products, suitable for the removal of multiple layers of paint

More than just a supplier, **SOCOMORE** is a partner who works with clients to research complete and reliable solutions. Our **R&D**, **technical** and **sales** teams adapt to local needs and provide assistance for the introduction of our products in boat manufacturers' plants and in their **subcontractors'** plants.

Advantages of pre-saturated wipes

Our wipes are saturated with just the right amount of solvent or water-based solutions to standardise operations and offer economic, environmentally friendly and safe alternatives compared to bulk liquids.

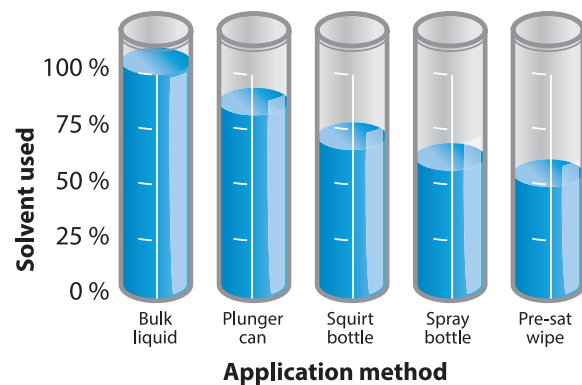
OUR WIPES ELIMINATE THE USE OF BULK LIQUIDS & STANDARDISE SURFACE PREPARATION OPERATIONS

- Up to 50 % reduction in solvent use
- Improvement in quality and performance of production lines

- Reduced VOC emissions
- Reduced fire risk
- Decrease in waste
- Improved working conditions
- Optimisation of issues related to transport and storage of dangerous liquids

REDUCED OPERATING COSTS

*Solvents reduced by 50%
through using pre-impregnated wipes*

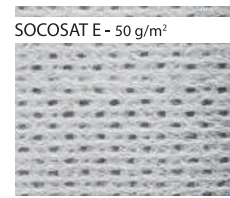


Pre-saturated wipes range

● Surface cleaning

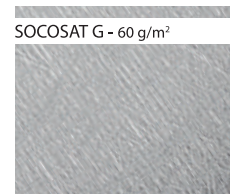
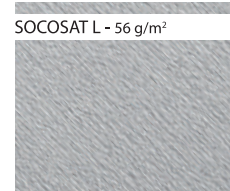
Surface cleaning and degreasing operations.

Removal of excess sealant and surface contaminants such as grease, glue, temporary protections, dust, etc.	Non-woven viscose apertured wipe	Smooth surface	SOCOSAT E
	Smooth pulp wipe/ non-woven polyester	Rough surface	SOCOSAT L
	Smooth microfilament polyester wipe/ non-woven polyamide	Abrasive surface	SOCOSAT G



Low
 Medium
 High
 Very high
 Excellent

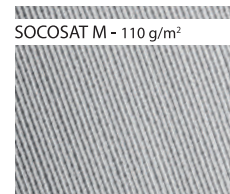
Abrasion resistance
 Tear resistance
 Absorption capacity



● Surface preparation

Preparation of surfaces prior to bonding, sealant application or painting operations.

Preparation of surfaces before bonding and sealant applications	Non-woven viscose apertured wipe	Quick drying	SOCOSAT E
Surface preparation prior to painting	Smooth microfilament polyester wipe/ non-woven polyamide	Low lint	SOCOSAT G
	Smooth knitted polyester wipe	Lint free	SOCOSAT M



For more information please see the product technical data sheet.
 To see our complete range of pre-saturated wipes, go to www.socomore.com.

● Packaging

Various packaging options are available to facilitate ease of use and on-site storage.

- Refillable canisters and buckets which can be re-used, reducing waste and environmental impact.
- Flat packs of pre-cut wipes to reduce the amount of fibers on the surface from cutting. Small format flat packs, suitable for automatic dispensers which improve stock control and reduce usage.
- Single use buckets avoid the logistics of returning packaging.

Refillable bucket

Single use bucket

We provide a complete product - the right solution, on the right cloth, in the right format - in a practical container.





Flat pack

Refillable canister

Pre-saturation solutions

● Surface preparation

Cleaning/degreasing of surfaces prior to bonding, sealant application or painting operations.



Application	Cleaner	Volatility	Production control/maintenance	Product
Surface preparation prior to bonding, paint, sealant application	100 % VOC solvent	****	-	SOCOSOLV FD+
		***	Yes - UV tracer	SOCOSOLV FD UV
		***	-	DIESTONE DLS
	50 % VOC solvent	**	-	DIESTONE MP50
	30 % VOC solvent	**	-	SOCOCLEAN A2501
		**	Yes - UV tracer	SOCOCLEAN A2501 UV
VOC-free water-based	*	-	SOCOCLEAN I2478 	
	*	-	SOCOCLEAN A2519 	

Volatility : **** very high *** high ** good * average

All of our pre-saturated wipes can be supplied with raw materials such as isopropyl alcohol (70/30, 85/15 & 100 %), ethanol, heptane, etc.

● Surface cleaning

Surface cleaning and degreasing operations.

Application	Cleaner	Flash point	Product
General cleaning and degreasing	VOC-free solvent	99 °C (210°F)	DIESTONE ZERO HD
	VOC-free water-based	N/A	SOCOCLEAN ZERO AP 
	100 % VOC solvent	30 °C (86 °F)	DIESTONE DLS
Removal of excess fresh/uncured sealant, glues, adhesive tapes	50 % VOC solvent	52 °C (126 °F)	DIESTONE MP50
	VOC-free water-based	N/A	SOCOCLEAN I2478 

● Inter-operation cleaning

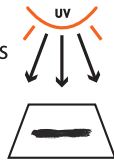
Application	Cleaner	Instructions for use	Product
Removal of heavy contaminants such as waxy and oily protective coatings, grease and oil	VOC-free liquid solvent	Application in bath	HYSO 93
	VOC-free gel solvent	Water rinseable	SOCOSOLV A3582

 Water-based  100% Biodegradable

Customer stories

INITIAL SITUATION:

SOCOMORE's expertise was requested by an industrial customer, in order to find a solution for reducing the number of non-conformances in their surface preparation cleaning process before critical bonding.



→ OUR SOLUTION: **SOCOSOLV FD UV**

SOCOSOLV FD UV, a new fast drying solvent-based cleaning solution with UV tracer which allows the quality team to visualize the areas where the product has been applied under a UV lamp.

MAIN BENEFITS:

- Allows direct verification on the line or several months after application.
- Two in one product that doesn't lengthen the surface preparation process.
- Fast drying and maintains the adhesion properties of the surface.

INITIAL SITUATION:

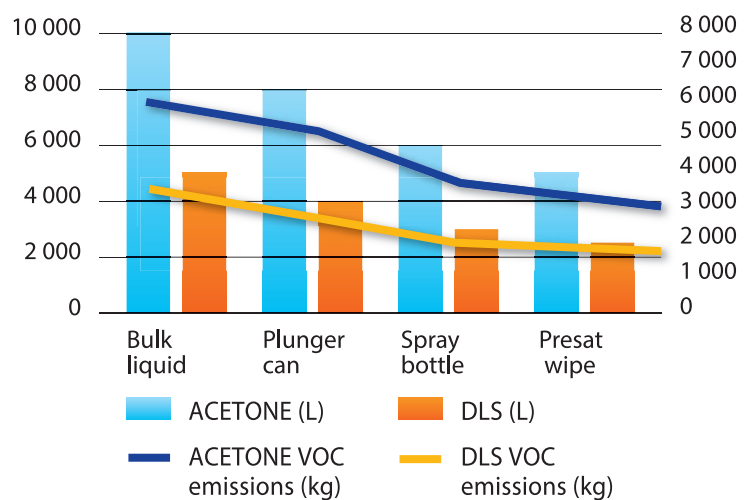
Our customer, a European marine manufacturer, wanted to reduce VOCs by replacing acetone, reduce fire risk and at the same time improve working conditions.

→ OUR SOLUTION: **DIESTONE DLS**

To provide an alternative to a very volatile raw material used for manual saturation of cotton rags, SOCOMORE designed a ready-to-use roll of 65, 15x28 pre-saturated wipes used with a self-closing plastic canister. Thanks to DIESTONE DLS's cleaning properties and the SOCOSAT E's premium apertured cloth, our solution offers a real benefit in terms of health, safety and improved working conditions.

MAIN BENEFITS:

- Drastically reduces the quantity of solvent & VOC site emissions.
- No risk of accidental spillage of flammable liquids.
- Standardized, consistent performance results in reduced reworking operations.



INITIAL SITUATION:

Our customer, a yacht and motorboat builder, had to stop using MEK & acetone for cleaning excess sealants and glues, during final assembly of wooden side decks, in order to respect exposure limit constraints without impacting quality and cycle time.

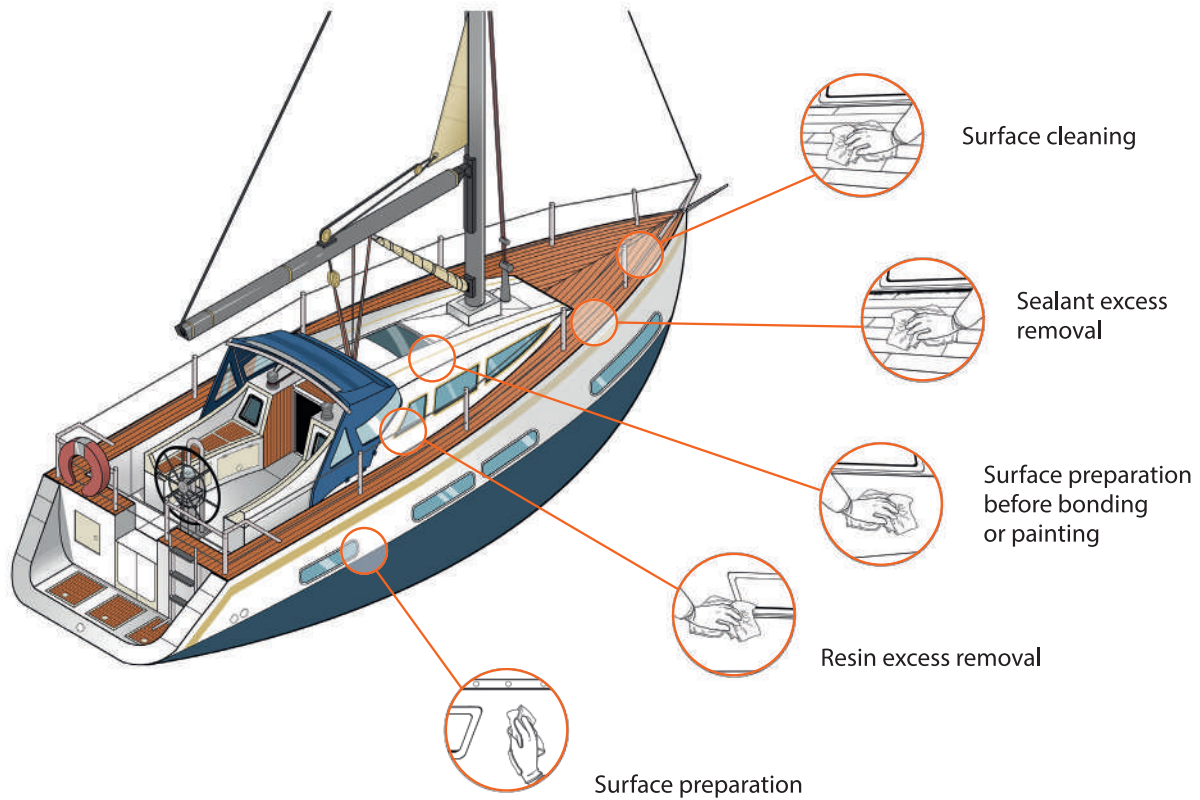


→ OUR SOLUTION: **SOCOCLEAN I2478**

SOCOCLEAN I2478, a highly efficient water-based cleaning solution used in pre-saturated form ensures the right volume is applied to the surface, guaranteeing a perfectly clean surface in a short time.

MAIN BENEFITS:

- Safer EH&S solution.
- No impact on process and subsequent steps.
- Ready-to-use surface preparation product



● Paint stripping

Liquid and gel paint strippers. Free from phenol, chlorine, NMP, hexavalent chrome.
For removing all types of paint including acrylic, epoxy, polyurethane and urethane alkyd paint systems.

Liquid paint stripper	High performance alkaline activated	Suitable for all metal alloys	Bath T°: 80-115 °C (176-239 °F)	KEMSTRIP 600
	High performance acid activated	Suitable for all alloys, except high strength steel	Bath T° : ambient	SOCOSTRIP A4512
Gel paint stripper	High performance acid activated	Suitable for all alloys, except magnesium, cadmium-plated or high strength steel		SOCOSTRIP A0212

● Surface protection

Temporary protection coatings (TPC). Washable and peelable coating for protecting surfaces from scratches and corrosion during storage or transport.

Metallic surfaces	Washable using water-based/solvent cleaners	Anti-UV protection Low VOC	PROPACO AP2
Metallic and composite surfaces	Washable using water-based/solvent cleaners	Anti-UV protection Low VOC	PROPACO SP3
Metallic surfaces	Peelable	-	PELLICAL 119C

Corrosion inhibiting compounds (CIC)*.

Waterproof and anti-corrosion protection for materials, spare parts and assemblies. For application on metallic surfaces, painted or unpainted composites, as a physical, chemical and environmental protection.

Medium-term temporary protection		Oily waterproof film	WADIS 24/60
Long-term temporary protection		Waxy waterproof film	SOCOPAC 65H

*Certain products are not available in all areas. Please contact your local representative.
Please see the product's technical data sheet for approvals and characteristics.
To see our complete range, please go to www.socomore.com

Complementary ranges

socomore The Surface Company

Complete solutions, from surface cleaning to pre-treatment before assembly, painting & bonding on metallics, composites or plastics.



Functionalized coatings for use on engines, exterior leading edges, rotary parts & equipment.



A wide range of **non-destructive testing (NDT) products, materials and services** for penetrant & magnetic testing.



Epoxy-filled resin compounds & sealants for metal & composite assemblies in land, air and sea applications.



Highly certified and respectful **cleaning and disinfection products for hands and surfaces. Alcoholic or 100% plant based** solutions for industrial and consumer use.

CONTACT

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Supporting our clients throughout the world is a priority for us. We have sales and technical teams, subsidiaries and strategic partners throughout the entire world to meet our clients' needs.

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