

# SOCOPAC 65 H

LONG TERM, SUPER PENETRATING, WATER  
DISPLACING, CORROSION INHIBITING COMPOUND  
FOR AIRCRAFT STRUCTURES

**Approvals: AIRBUS AIMS 09-08-000 and AIMS 09-08-003 type III Grade 2,  
SNECMA DMR 75-621, AIR FRANCE SMI 93044-04**

**Specifications to the following norms: BOEING BMS 3-29 and BMS 3-35,  
BOMBARDIER CMS 565 06 Type I and II**

SOCOPAC 65 H is very effective in reducing corrosion-linked maintenance costs; it gives excellent water-displacement and long lasting anticorrosion protection. This combination of properties helps to increase the life and reliability of materials, preserve structures and maintain the appearance and quality of new materials. The following examples illustrate the special properties of Socopac 65H.

New concept 2 in 1:

- very high water displacement performance with continuing water repellence in service
- long lasting corrosion protection

The dual function reduces the number of applications required; replacing separate products for water displacement and long term corrosion protection. For example SOCOPAC 25 H and SOCOPAC 50 S.

It can be used on a large range of painted or unpainted metals (steels, aluminium and alloys, copper, titanium, cadmium, magnesium, etc...).

The dry finish of the film makes handling pieces possible.

Improved safety in use due to the high flash point.

Easy, optimised application with comfortable conditions in the absence of mist during spraying. (Using low pressure spraying equipment)

SOCOPAC 65 H provides thorough protection for materials, spare parts or assemblies, in the worst climatic conditions making them absolutely water repellent and forming a very efficient barrier against all agents responsible for corrosion (water, oxygen, acids, alkalis and salts from industrial emissions, acid rain, tropical atmospheres, etc.).

## USES

In aerospace, it can be used when risks of corrosion by exposure to sea or corrosive air require an efficient and controllable protection: for landing gear, closed compartments, cabin and toilet under-floors, loading bays, pipework, cables, container guide rails, etc...

**Socomor**  
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## DIRECTIONS FOR USE

SOCOPAC 65 H can be applied by dipping, brush or by spraying (classic spray gun, airless/airmix system), or low pressure spray system, which allows optimisation of application and users' comfort (no mist during spraying, fine regulation of flow, absence of runs and fat edges)

For example:

Low pressure application equipment from KREMLIN with M21 gun for flat surfaces, guns with fine nozzles and curved extensions at 45° and 135° for more difficult areas.

## TECHNICAL CHARACTERISTICS

. Appearance .....	thixotropic liquid
. Density at 20° C (68° F) .....	0.93
. Flash point (ISO 2592) .....	45° C (122° F)
. Standard dry film thickness .....	15 µ
. Handling possible after .....	1 hour approximately

### PROTECTIVE FILM PERFORMANCE

. Film appearance .....	dry, translucent
. Stable to temperature .....	-55 to 100° C (-67 to 248° F)
. Covering power .....	dry film 15 µ = 30 m <sup>2</sup> /litre dry film 25 µ = 17.5 m <sup>2</sup> /litre dry film 50 µ = 9 m <sup>2</sup> /litre
. Resistance to humid tropical air on steel and aluminium (chamber at 35° C / 95° F and 100 % humidity) .....	> 2000 hours (20 µ)
. Resistance to salt spray ASTM B117 / BSS 7249 on steel (XC18S) .....	15 µ = 750 hours 40 µ = 1500 hours
. Resistance to salt spray ASTM B117/ BSS 7249 on aluminium alloy (2024 T3) .....	15 µ = 1500 hours 25 µ = 2000 hours

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## REMOVAL

### REMOVING SOCOPAC 65 H

products	temperature	concentration	application mode	comments* (hygiene & safety, environment, disposal)
HYSO DIESTONE SOCOSOLV Product ranges	ambient	100 %	swabbing low pressure spraying dipping	Let the solvent impregnate the coating and carry out a second application if necessary in restricted access areas. Recover the effluent from the lowest point by emptying or suction.
HYSOMUL M.C.	ambient	100 %	low pressure spraying dipping	Once the coating is impregnated, wash with plenty of water, preferably heated to 80° C (176° F). Recover the effluent from the lowest point by emptying or suction.

\* In all cases, consult the technical data sheets of the relevant products.

Take the same measures as painting if spraying on the internal sides of a compartment.

#### Application methods

All the equipment usually employed for cleaning under pressure can be used, provided the instructions on the product technical data sheets are respected and the situation is appropriate.

For further information, contact the following distributors : KREMLIN, GRACO, WAGNER, , KARCHER...

## PRECAUTIONS FOR USE AND STORAGE

SOCOPAC 65 H is compatible with WADIS or SOCOPAC type products.

SOCOPAC 65 H is free of chlorinated or aromatic hydrocarbons.

However, as for all hydrocarbon-based products, it is important to take the normal usage and storage precautions : use and store away from flames and heat sources - wear gloves when applying and eye protection when spraying.

Store in the original, tightly closed containers, protected from heat and flames - storage temperatures : from -10 to +50°C (+14 to +122° F). If possible bring the product to about 20° C (68° F) before application. Always shake well before use.

**This technical data sheet replaces and cancels the previous one.**

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