

SOCOPAC 65 H

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

Approvals

- | | |
|----------------|---|
| ▪ AIRBUS | IPS 09-08-003-01
AIMS 09-08-003 type III Grade 2
CML 15-009 |
| ▪ SAFRAN Group | SNECMA DMR 75-621, TURBOMECA CCT 00706 |
| ▪ AIR FRANCE | FITS 93044-04 |
| ▪ DASSAULT | DGQ 1.7.0.0103 Rev A |
| ▪ ROLLS ROYCE | oMat 1082 |

Specifications to the following norms

- | | |
|--------------|------------------------------|
| ▪ BOEING | BMS 3-29 and 3-35 (NTO), |
| ▪ BOMBARDIER | BAMS 565-006 Type I, II & IV |

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.).

Socomor
Finishing Technologies

Support technique International / International Technical Support
tel. +33 (0)2 97 43 76 90 fax +33 (0)2 97 54 50 26 E-mail Support@socomor.com

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socomor@socomor.com



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...

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.

SOCOPAC 65 H is also available in aerosol.

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 ² /litre dry film 25 µ = 17.5 m ² /litre dry film 50 µ = 9 m ² /litre
. Resistance to humid tropical air on steel and	> 2000 hours (20 µ)
aluminium (chamber at 35° C / 95° F and 100 % humidity)	
. Resistance to salt spray ASTM B117 / BSS 7249	15 µ = 750 hours
on steel (XC18S)	40 µ = 1500 hours
. Resistance to salt spray ASTM B117/ BSS 7249	15 µ = 1500 hours
on aluminium alloy (2024 T3)	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 SOCOSOLV A 3582	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.

Please consult the safety data sheet for further information.

This technical data sheet replaces and cancels the previous one.

The above details have been compiled to the best of our knowledge, they have, however, an indicative value only, and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMOR ; all data is subject to change as Socomor deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Please check your local legislation applicable to the use of this product. Should you need any further information please contact our services.

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