



MATERIAL DECLARATION (MD)

<Date of declaration>

Date	2021-05-10
------	------------

<MD identification number>

MD-ID-No	86-2021-05-10 -1
----------	------------------

<Other information>

Remark 1	
Remark 2	
Remark 3	

<Supplier (respondent) information>

Company name	JOWA AB
Division name	Technical
Address	Tulebovägen 104, SE-42834 Källered, Sweden
Contact person	Daniel Madsen
Telephone number	46317265430
Fax number	46317954540
Email address	spareparts@jowa.se
SDoC ID no	86-2021-05-10

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
JOWA SEAGUARD	NA	1	piece	JOWA BILGE ALARM

<Materials information>

This materials information shows the amount of hazardous materials contained in

	Unit
1	piece

(Unit: kg, m, m², m³, piece, etc.) of the product

Table	Material name		Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table A (materials listed in appendix 1 of the Convention)	Asbestos	Asbestos	0.1% (1)	NO			
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg	NO			
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold value	NO			
		Halons		NO			
		Other fully halogenated CFCs		NO			
		Carbon tetrachloride		NO			
		1, 1, 1-Trichloroethane		NO			
		Hydrochlorofluorocarbons		NO			
		Hydrobromofluorocarbons		NO			
	Anti-fouling systems containing organotin compounds as a biocide		2500 mg total tin/kg	NO			
		NO					
		NO					

Table	Material name		Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table B (materials listed in appendix 2 of the Convention)	Cadmium and cadmium compounds		100 mg/kg	NO			
	Hexavalent chromium and hexavalent chromium compounds		1000 mg/kg	NO			
	Lead and lead compounds		1000 mg/kg	NO			
	Mercury and mercury compounds		1000 mg/kg	NO			
	Polybrominated biphenyl (PBBs)		50 mg/kg	NO			
	Polybrominated diphenyl ethers (PBDEs)		1000 mg/kg	NO			
	Polychloronaphthalenes (Cl >=3)		50 mg/kg	NO			
	Radioactive substances		No threshold value	NO			
Certain shortchain chlorinated paraffins		1%	NO				

- (1) In accordance with regulation 4 of the Convention, for all ships, new installation of materials which contain asbestos shall be prohibited. According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub-Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0.1%. However, if 1% is applied, this threshold value should be recorded in the Inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0.1% need not be retroactively applied to those Inventories and Material Declarations.

Annex of EU SRR	Material name		Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Annex I (materials listed in annex I of the EU SRR)	Perfluorooctane sulfonic acid (PFOS) and its derivatives		10 mg/kg (0.001% by weight) (2)	NO			
Annex II (materials listed in annex II of the EU SRR)	Brominated Flame Retardant (HBSDD)		100 mg/kg (0.01% by weight) (2)	NO			

- (2) Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations of concentrations of PFOS in semi-finished products or articles, or parts thereof equal to or above than 0.1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or for textiles or other coated materials, if the amount of PFOS is equal to or above than 1µg/m² of the coated material.



SUPPLIER'S DECLARATION OF CONFORMITY (SDoC)

Supplier's Declaration of Conformity for Material Declaration (MD) management

1 SDoC identification number 86-2021-05-10

2 Issuer's name JOWA AB

Issuer's address Tulebovägen 104

SE-428 34 Källered, Sweden

3 Object(s) of the declaration JOWA SEAGUARD units, spare parts and consumables.

4 The object(s) of the declaration described above is in conformity with the following documents:

Document No.	Title	Edition/date of issue
<u>MEPC.269(68)</u>	<u>Guidelines for the Development of the Inventory of Hazardous Materials</u>	<u>2015-05-15</u>
<u>EU SRR</u>	<u>Regulation (EU) No 1257/2013</u>	<u>2013-11-20</u>
<u>EMSA</u>	<u>Best Practice Guide on the IHM</u>	<u>2016-10-28</u>

6 Additional information Refer to each units manual for more information about spare parts and consumables.

7 Signed for and on behalf of

JOWA AB

Källered 2021-05-10

(place and date of issue)

Daniel Madsen, technical writer

(name, function)

Daniel Madsen

(signature)