

MATERIAL DECLARATION (MD)

Date	25.11.2022
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MD ID-No.	MD-70153_FR
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Remark 1	
Remark 2	
Remark 3	

Company name	KONGSBERG MARITIME AS
Division name	Motion Control – Steering Gear
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SDoC ID number	SDOC-70153_FR

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
Solenoid Valve	70153_FR		piece	

This materials information shows the amount of hazardous materials contained in 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% *	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			
		Methyl bromide		No			
	Anti-fouling systems containing organotin compounds as a biocide	e.g. Tributyltin (TBT)	2500 mg total tin/kg	No			
		e.g. Triphenyl tins (TPTs)		No			
e.g. Tributyltin oxide (TBTO)		No					
EU SRR **	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg	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				
EU SRR **	Brominated flame retardant (HBCDD)	100 mg/kg	No				

* In accordance with regulation 4 of the IMO Hong Kong 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 declarations.

** Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/2013).

SUPPLIER'S DECLARATION OF CONFORMITY (SDoC)

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

1 SDoC identification number SDOC-70153_FR

2 Issuer's name KONGSBERG MARITIME AS

Issuer's address Kirkegårdsveien 45, 3616 Kongsberg

Norway

3 Object(s) of the declaration MD-70153_FR

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>15.05.2015</u>
<u>EU No. 1257/2013</u>	<u>EU Ship Recycling Regulation</u>	<u>20.11.2013</u>
<u></u>	<u>EMSA's Best Practice Guidance on the IHM</u>	<u>28.10.2016</u>

6 Additional information

7 Signed for and on behalf of

Kongsberg Maritime

Hagavik

Place of issue

25.11.2022

Date of issue

Sverre Holmberg, Technical Product Manager

Name, function

Signature

[Click here](#) for a brief summary of why this form needs to be completed.