

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	2025-07-29
------	------------

<MD identification number>

ID-No.	MD-VACUUMARATOR PUMP-2025-07-29
--------	------------------------------------

<Other information>

Remark 1	
Remark 2	
Remark 3	

<Supplier (respondent) information>

Company name	Shining Marine Engineering Co.,Ltd.,Qingdao,China
Division name	Regional Business Manager
Address	Room704,A Building,No.99Chongqing South Road,Qingdao,China
Contact person	Sheryl Zhang
Telephone number	+86-532-80936597
Fax number	
Email address	engineering@shiningmarine.com
SDoC ID number	SD-VACUUMARATOR PUMP-2025-07-29

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
Seawater pipe from condenser	Part No.: 985 16542-80	1	PC	Thickness: 3MM/ Material: titanium Made in China

<Materials information>

This materials information shows the amount of hazardous materials contained in	Unit		(Unit: kg, m, m², m³, piece, etc.) of the product
	1		

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			
		Bromochloromethane		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			
	Certain shortchain chlorinated paraffins	1%	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

This MD is to be completed in accordance with IMO Resolution MEPC.379(80) and should be accompanied by a Supplier's Declaration of Conformity (SDoC)

## SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

1. SDoC Unique Identification Number: SD-VACUUMARATOR PUMP-2025-07-29
2. Issuer's Name: Shining Marine Engineering Co.,Ltd.,Qingdao,China  
Issuer's Address: Room704,A Building,No.99Chongqing South Road,Qingdao,China

3. Object(s) of the Declaration: All items as per below item list supplied under **PO - 022-2025**

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

<u>Document No.</u>	<u>Title</u>	<u>Edition/Date of Issue</u>
<u>MEPC.379(80)</u>	<u>Guidelines for the development of the Inventory of Hazardous Materials</u>	<u>2023/07/07</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>

5. Additional Information:

6. Signed for and on behalf of  
Shining Marine Engineering Co.,Ltd.,Qingdao,China  
Qingdao,China 2025.07.29

Place and date of Issue

7. Sheng Zhang  
Regional Business Manager

(Name, Function)



(Signature)

This SDoC is to be completed in accordance with IMO Resolution MEPC.379(80) and should be accompanied by one or more Material Declarations (MD)