

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	14/12/2022
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<MD identification number>

ID-No.	MD-139
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<Other information>

Remark 1	BW Epic Kosan Maritime Pte. Ltd.
Remark 2	All Vessels under the Management of above entity
Remark 3	EPIC CALEDONIA

<Supplier (respondent) information>

Company name	JAPAN MARINE (S) PTE LTD
Division name	SALES
Address	77 High Street, #04-05 High Street Plaza, Singapore
Contact person	AMEED
Telephone number	65,3108-667
Fax number	
Email address	
SDoC ID number	SDoC-139-040

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
IMPELLER	021	1	1	HOT WATER CALORIFIER
IMPELLER NUT	048			
CASING RING	107			
MECHANICAL SEAL	111			
O-RING	115			
BALL BEARING	135			
BALL BEARING	211			

<Materials information>

his materials information shows the amount of hazardous materials contained in

	Unit
1	PICES

(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			
		Bromochloromethane	No			
	Anti-fouling systems containing organotin compounds as a biocide	e.g. Tributyltin (TBT)	2500 mg total tin/kg			
		e.g. Triphenyl tins (TPTs)		No		
		e.g. Tributyltin oxide (TBTO)				
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.

SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

1. SDoC Identification Number SDoC-139-040

2. Issuer's Name BW Epic Kosan Maritime Pte. Ltd.

Issuer's Address JAPAN MARINE (S) PTE LTD

77 High Street, #04-05 High Street Plaza, Singapore

3. Object(s) of the Declaration

1

HOT WATER CALORIFIER

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.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>

5. Additional Information

6. Signed for and on behalf of

JAPAN MARINE SPARES

SINGAPORE 14-12-2022

Place and date of Issue

7. AMEED / SENIOR EXECUTIVE

(Name, Function)

2. 


(Signature)

This SDoC is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by one or more Material Declarations (MD)
