MATERIAL DECLARATION (MD)

<Date of declaration>

Date	13/12/2022
<md identification="" no<="" th=""><th>umber></th></md>	umber>
ID-No.	MD-119

<Other information>

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

<Supplier (respondent) information>

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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-119-020

<Product information>

		Delivered unit			
Product name	Product number	Amount	Unit	Product information	
IMPELLER *** OFFER (MATERIAL) : B.C O-RING SHAFT KEY IMPELLER NUT IMPELLER WASHER SPRING WASHER METAL COVER MECHANICAL SEAL COVER RETAINING RING	003 050 101 103 120 124 136 210 521	1	1	FIRE BILGE & BALLAST PUMP	

<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, mate	1	If yes, information on where it is used
			di	Yes / No	Mass	Unit	
	Asbestos	Asbestos	0.1% *	No			
Table A (materials	Polychlorinated biphenyls (PCBs)	Polychlonated biphenyls (PCBs)	50 mg/kg	No			
listed in appendix 1 of the Convention)		Chlorofluorocarbons (CFCs)		No			
	Ozone Depleting Substance (ODS)	Halons	No threshold value	No			
	Other fully halogenated CFCs			No			

		Carbon tetrachloride		No		
		1, 1, 1-Trichloroethane		No		
ļ		Hydrochlorofluorocarb	 	No		
		ons				
		Hydrobromofluorocar		No		
		bons				
		Methyl bromide		No		
		Bromochloromethane		No		
		e.g. Tributyltin (TBT)				
	Anti-fouling systems containing organotin	e.g. Triphenyl tins (TPTs)	2500 mg total tin/kg	No		
	compounds as a biocide	e.g. Tributyltin oxide (TBTO)	(11) NB			
EU SRR **	Perfluorooctane sulf	onic acid (PFOS)	10 mg/kg	No	•	

Table	Material name	Threshold	Present above threshold value?	If yes, material mass		If yes, information on where it is
		value	Yes / No	Mass	Unit	used
	Cadmium and cadmium compounds	100 mg/kg	No			
	Hexavalent chromium and hexavalent chromium compounds	1000 mg/kg	No			
Table B	Lead and lead compounds	1000 mg/kg	No			
(materials	Mercury and mercury compounds	1000 mg/kg	No			
listed in appendix 2 of	Polybrominated biphenyl (PBBs)	50 mg/kg	No			
the	Polybrominated diphenyl ethers (PBDEs)	1000 mg/kg	No			
Convention)	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 (UNSCEGHS), 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

SDoC Identification Number	SDoC-119-020	
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2.	 Issuer's Name Issuer's Address 		BW Epic Kosan Maritime Pte. Ltd JAPAN MARINE (S) PTE LTD					
			77 High Street, #04-05 High Street Plaza, Singapore					
3.	Object(s) of the Declar	ration	1					
			FIRE BILGE & BALLAST PUMP					
4.	The object(s) of the de	eclaration describ	ned above is in conformity with the following documents:					
	Document No.	<u>Title</u>		Edition/Date of Issue				
	MEPC.269(68)	Guidelines for	the development of the Inventory of Hazardous Materials	2015/05/15				
	EU SRR	Regulation (El	J) No 1257/2013	2013/11/20				
	EMSA	Best Practice (Guide on the IHM	2016/10/28				
5.	Additional Information							
6.	Signed for and on beha	If of RINE SPARES						
	SINGAPORE 13-12-	2022						
	Place and date of Issue							
			2- June (s)					
7.	AMEED / SENIOR EXEC	UTIVE	SINGAPORE					
	(Name, Function)		(Signature)					

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

