

# MATERIAL DECLARATION(MD)

<Date of Declaration>

Date	05.01.2023
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<MD identification number>

ID-No.	MD-EPC23010301
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<Other information>

Remark 1	M/T KATHRINE KOSAN
Remark 2	BW Epic Kosan Maritime Pte. Ltd
Remark 3	PO 871-22-210

<Supplier (respondent) information>

Company name	Bosung Engineering Co.,Ltd
Division name	Machinery Biz 2 Team
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SDoC ID number	EPC23010301

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
Main Air Compressor No.1	16	5	PCE	O-Ring Of Valve (1st)
	18	5	PCE	O-Ring Of Valve (2nd)
	15	5	PCE	O-Ring Of Valve (1st)
	30	1	PCE	2nd Suc. & Del. Valve Complete
	01	1	PCE	3rdA Suc.A ValveA Complete
	17	5	PCE	O-Ring Of Valve (2nd)
	19	5	PCE	O-Ring Of Valve Cover (3rd)
	02	1	PCE	3rd Del. Valve Complete
	50	1	PCE	1st Suc. & Del. Valve Complete
	E321H15	2	PCE	Oil & Water Separator AUTO drain valve Maker: LG

<Materials information>

This materials information shows the amount of hazardous materials contained in

	Unit
31	PCE

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

Table	Material name		Threshold	Present above threshold value? Yes / No	If yes, material mass		If yes, information on where it is used	
					Mass	Unit		
Table A (materials listed in appendix 1 of the Convention)	Asbestos	Asbestos	0.1% *	NO				
	Polychlorinated	Polychlorinated biphenyls (PCBs)	50 mg/kg	NO				
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold		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)		10mg/kg	NO				

Table	Material name	Threshold	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	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			
	Polychlorinated phthalenes (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.269(68) and should be accompanied by a Supplier's Declaration of Conformity (SDoC)