

MATERIAL DECLARATION(MD)

<Date of Declaration>

Date	06.12.2022
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<MD identification number>

ID-No.	MD-EPC22120101
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<Other information>

Remark 1	M/T KAMILLA KOSAN
Remark 2	BW Epic Kosan Maritime Pte. Ltd
Remark 3	PO 870-22-307

<Supplier (respondent) information>

Company name	Bosung Engineering Co.,Ltd
Division name	Machinery Biz 2 Team
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SDoC ID number	EPC22120101

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
VALVE REMOTE CONTROL	11	8	PCE	Rod Seal B3 28 X 38 X 7.3
		1	PCE	Return Filter 10 Micron
		5	PCE	Pressure Switch / Normal Open
		5	PCE	Male Connector
		1	PCE	Solenoid Valve NG4, 4/2(Detent)
		4	PCE	Coupling, Spidex A24
		8	PCE	Flexible Hose With Quick Connector
		6	PCE	Throttle Valve
		1	PCE	Sol. Valve NG4, 8M4042
		5	PCE	Hydraulic Pump
		4	PCE	Tee,
		20	PCE	Pressure Switch
		8	PCE	Rod Seal B3 36 X 46 X 7.3
		12	PCE	Filter Element
		8	PCE	Rod Seal B3 22 X 32 X 7.3

<Materials information>

This materials information shows the amount of hazardous materials contained in

	Unit
49	PCE

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

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 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			
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)