

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	22-08-2024
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<MD identification number>

ID-No.	MD SM -2024 -4560
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<Other information>

Remark 1	5107016-IRS-030/2024E
Remark 2	IRIS
Remark 3	

<Supplier (respondent) information>

Company name	Smglobal marine
Division name	
Address	EH Marine Houcs, 7, Gogyæri 2-gil, Beomseo-eup, Ulju-gun, Ulsan, S.Korea
Contact person	
Telephone number	82 522471161
Fax number	
Email address	info@smglobalmarine.com
SDoC ID number	SDoC- SM -2024 -4560-01

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
MAGNETIC UNLOADER VALVE FOR AIR COMPRESSOR ITEM NO. MODEL MRCA-104 FOR MAIN AIR COMPRESSOR		1	PCS	
GASKET 2ND STAGE COOLER COVER ITEM NO. H74 H173-8209 FOR MAIN AIR COMPRESSOR		4		
GASKET 1ST STAGE COOLER COVER ITEM NO. H74 H173-8109 FOR MAIN AIR COMPRESSOR		4		
VALVE SEAT GASKET (2ND STAGE) DLIEVERY VALVE ITEM NO. VP-3100-D FOR MAIN AIR COMPRESSOR		6		
VALVE SEAT GASKET (2ND STAGE) SUCTION VALVE ITEM NO. VP -3100-S FOR MAIN AIR COMPRESSOR		6		
VALVE SEAT GASKET (1ST STAGE) ITEM NO. VH-7100 FOR MAIN AIR COMPRESSOR		6		
PISTON ITEM NO. PART NO: 41 FOR MAIN AIR COMPRESSOR		1		
VALVE SET SPRING ITEM NO. PART NO:55 FOR MAIN AIR COMPRESSOR		6		
COOLING WATER PUMP ASSEMBLY ITEM NO. DRWG NO. S3-5593, POS. 69 FOR MAIN AIR COMPRESSOR		1		
SAFETY VALVE FIRST STAGE ITEM NO. DRWG NO. S3-5593, POS. 66 FOR MAIN AIR COMPRESSOR		1		
SAFETY VALVE SECOND STAGE ITEM NO. DRWG NO. S3-5593, POS. 67 FOR MAIN AIR COMPRESSOR		1		
OIL FILTER ELEMENT ASSY. ITEM NO. H74		5		

FO-600 FOR MAIN AIR COMPRESSOR COOLER PLATE ITEM NO. DRWG NO. S3-5595/ POS. 60 FOR MAIN AIR COMPRESSOR		2		
SUCTION VALVE ASEMBLY 2ND STAGE ITEM NO. DRWG NO. S3-5593, POS.50 FOR MAIN AIR COMPRESSOR		2		
DELIVERY VALVE ASSEMBLY 2ND STAGE ITEM NO. DRWG NO. S3-5593, POS.51 FOR MAIN AIR COMPRESSOR		2		
GASKET ITEM NO. DRWG NO. S3-5593, POS.75 FOR MAIN AIR COMPRESSOR		8		
GASKET SIDE COVER ITEM NO. H74 H163-1137 FOR MAIN AIR COMPRESSOR		8		
GASKET ITEM NO. DRWG NO. S3-5593, POS.74 FOR MAIN AIR COMPRESSOR		8		
GASKET ITEM NO. DRWG NO. S3-5593, POS.72B FOR MAIN AIR COMPRESSOR		8		
GASKET ITEM NO. DRWG NO. S3-5593, POS.72A FOR MAIN AIR COMPRESSOR		8		
GASKET ITEM NO. DRWG NO. S3-5593, POS.73 FOR MAIN AIR COMPRESSOR		8		

<Materials information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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 (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 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	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: SDoC- SM -2024 -4560-01
2. Issuer's Name: Smglobal marine
Issuer's Address: EH Marine Houcs, 7, Gogyæri 2-gil, Beomseo-eup,
Ulju-gun, Ulsan, S.Korea
3. Object(s) of the Declaration: All items as per below item list supplied under PO -5107016-IRS-030/2024E

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: All spare parts are Hazmat-free as per the purchase order.

6. Signed for and on behalf of
Smglobal marine



Place and date of Issue

7. _____ (Name, Function) _____ (Signature)