

# MATERIAL DECLARATION (MD)

**<Date of declaration>**

Date	23/10/2024
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**<Supplier (respondent) information>**

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SDoC ID number	SDoC20240413

**<MD identification number>**

MD ID-No.	MDoC20241020
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**<Other information>**

Remark 1	SO007294
Remark 2	5114050-BRN-030/2024E-0001
Remark 3	

**<Product information>**

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
NS-AOS OPTICAL SMOKE DETECTORNS-AOS OPTICAL SMOKE DETECTOR	N11111	3	Pcs	As per spec
NS-AH/CS HEAT DETECTOR	N11232	2		

**<Materials information>**

Table	Material name	Threshold value	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 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		
	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		
Anti-fouling systems containing cybutryne		1,000 mg/kg	No			
EU SRR **	Perfluorooctane sulfonic acid (PFOS)***	10 mg/kg	No			

Table	Material name	Threshold value	Present above threshold value? Yes / No	If yes, material mass		If yes, information on where it is used
				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). Threshold values taken from the EMSA Best Practice Guidance on the Inventory of Hazardous Materials

\*\*\* Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations or concentrations of PFOS in semi-finished products or articles, or parts thereof equal to or above than 0.1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or for textiles or other coated materials, if the amount of PFOS is equal to or above than 1 µg/m<sup>2</sup> of the coated material.