



MATERIAL DECLARATION (MD)

Type 1: SELF DECLARATION acc. to RESOLUTION MEPC.269(68)

Date of declaration	21-09-2018
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MD ID No.	MD RW-TI 20180921
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Shipbuilder	
Newbuilding No.	
Remarks	-

Company name	ROCKWOOL A/S
Division name	RW-TI
Address	Hovedgaden 584
Contact person	Søren Nyborg Rasmussen
Telephone no.	0045 46 55 83 68
Fax no.	-
Email address	soren.nyborgrasmussen@rockwool.com
SDoC ID no.	SDoC RW-TI 20180921

Is product already Type approved by DNV-GL? Yes No

<Product information>

Product Name	Product Number	Amount delivered		Product information
		Amount	Unit (Kg, m, m2, m3)	
SeaRox SL product range	All dimensions*		m2	man-made, bio- soluble mineral wool
SeaRox WM product range	All dimensions*		m2	man-made, bio- soluble mineral wool
SeaRox MA product range	All dimensions*		m2	man-made, bio- soluble mineral wool
SeaRox LM product range	All dimensions*		m2	man-made, bio- soluble mineral wool
SeaRox FB product range	All dimensions*		m2	man-made, bio- soluble mineral wool
SeaRox FM product range	All dimensions*		m2	man-made, bio- soluble mineral wool
ProRox WM 950 and 960	All dimensions*		m2	man-made, bio- soluble mineral wool
ProRox PS product range	All dimensions*		m	man-made, bio- soluble mineral wool
*including factory applied facings				



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This material information shows the amount of hazardous materials contained in:

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

<Material information>

TABLE A: Materials listed in Appendix 1 of the Convention

No.	Materials	Threshold level	Present above threshold level? Yes or No	IF YES		Information on where it is used
				Material Mass		
				Amount	Unit (Kg, m2, m3)	
A-1	Asbestos	0.1%	No			
A-2	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			
A-3	Ozone depleting substances	No threshold level	Chlorofluorocarbons (CFCs)	No		
			Halons	No		
			Other fully halogenated CFCs	No		
			Carbon Tetrachloride	No		
			1,1,1-Trichloroethane (Methyl chloroform)	No		
			Hydrochlorofluorocarbons	No		
			Hydrobromofluorocarbons	No		
			Methyl Bromide	No		
A-4	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			
EU	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg	No			

Note:

- For materials in this Table with no threshold level, quantities occurring as unintentional trace contaminants should not be listed in MD
- Additional material to be listed for new EU ships acc. To appendix 1a of the EU Ship Recycling Regulation.



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TABLE B: Materials listed in Appendix 2 of the Convention

No.	Materials	Threshold level	Present above threshold level?	IF YES		Information on where it is used
				Material Mass		
			Yes or No	Amount	Unit (Kg, m2, m3)	
B-1	Cadmium and Cadmium Compounds	100 mg/kg	No			
B-2	Hexavalent Chromium and Hexavalent Chromium Compounds	1,000 mg/kg	No			
B-3	Lead and Lead Compounds	1,000 mg/kg	No			
B-4	Mercury and Mercury Compounds	1,000 mg/kg	No			
B-5	Polybrominated Biphenyl (PBBs)	50 mg/kg	No			
B-6	Polybrominated Diphenyl Ethers (PBDEs)	1,000 mg/kg	No			
B-7	Polychlorinated Naphthalenes (more than 3 chlorine atoms, Cl ≥ 3)	50 mg/kg	No			
B-8	Radioactive substances	No threshold level	No			
B-9	Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1%	No			
EU	Brominated flame retardants (HBCDD)	100 mg/kg	No			

- Note:**
- For materials in this Table with no threshold level, quantities occurring as unintentional trace contaminants should not be listed in MDs
 - Materials listed in the TABLE B that are inherent in solid metals or metal alloys, provided they are used in general construction, such as hull, superstructure, pipe or housings for equipment and machinery are not required to be listed hereby
 - Additional material to be listed for new EU ships acc. To appendix 1a of the EU Ship Recycling Regulation.



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TABLE C: Potentially hazardous items

No.	Properties	Goods	Amount	Units	Location
C-1	Oiliness	Kerosene	0		
C-2		White spirit	0		
C-3		Lubricating oil	0		
C-4		Hydraulic oil	0		
C-5	Liquid	Anti-seize compounds	0		
C-6		Fuel additive	0		
C-7		Engine coolant additives	0		
C-8		Antifreeze fluids	0		
C-9		Boiler and feed water treatment and test re-agents	0		
C-10		De-ioniser regenerating chemicals	0		
C-11		Evaporator dosing and descaling acids	0		
C-12		Paint stabilizers/rust stabilizers	0		
C-13		Solvents/thinners	0		
C-14		Paints	0		
C-15		Chemical refrigerants	0		
C-16		Battery electrolyte	0		
C-17		Alcohol, methylated spirits	0		
C-18	Explosives/inflammables	Acetylene	0		
C-19		Propane	0		
C-20		Butane	0		
C-21		Oxygen	0		
C-22	Green House Gases	CO2	0		
C-23		Perfluorocarbons (PFCs)	0		
C-24		Methane	0		
C-25		Hydrofluorocarbon (HFCs)	0		
C-27		Nitrous oxide(N2O)	0		
C-28		Sulfur hexafluoride (SF6)	0		
C-29	Oiliness	Bunkers: fuel oil	0		
C-30		Grease	0		
C-31		Waste oil (sludge)	0		
C-32		Bilge	0		
C-33		Oily liquid cargo tank residues	0		
C-34		Ballast water	0		
C-35		Raw sewage	0		
C-36		Treated sewage	0		
C-37		Non-oily liquid cargo residues	0		



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C-38	Gas	Explosibility/ inflammability	Fuel gas	0		
C-39	Solid		Dry cargo residues	0		
C-40			Medical waste/infectious waste	0		
C-41			Incinerator ash	0		
C-42			Garbage	0		
C-43			Fuel tank residues	0		
C-44			Oily solid cargo tank residues	0		
C-45			Oily/contaminated rags	0		
C-46			Batteries (incl. lead acid batteries)	0		
C-47			Pesticides/insecticide sprays	0		
C-48			Extinguishers	0		
C-49			Chemical cleaner (incl. electrical equipment cleaner, carbon remover)	0		
C-50			Detergent/bleacher (could be a liquid)	0		
C-51			Miscellaneous medicines	0		
C-52			Fire fighting clothing and equipment	0		
C-53			Dry tank residues	0		
C-54			Cargo residues	0		
C-55			Spare parts which contain materials listed in Table A or Table B	0		

Note: - *Small amounts of lubricating oil, anti-seize compounds and grease which are applied to or injected into machinery and equipment to maintain normal performance are ignorable.*

The Object(s) of the Declaration described above are in conformity with the Guidelines for the development of the Inventory of Hazardous Materials Resolution MEPC.269(68) formerly known as the Green Passport

Signed for and on behalf of : Søren Nyborg Rasmussen

Date of issue (M/d/yyyy) : 21-09-2018

Place of issue : Hedehusene

Full name : Søren Nyborg Rasmussen

Position : Senior Manager Technical Services