

MATERIAL DECLARATION (MD)

Type 1: SELF DECLARATION

Date of declaration	13/8/2021	Company name	Motorola Solutions Systems Polska Sp. z o.o.
MD ID No.	HKN4191C	Division name	Systems & Products
Shipbuilder		Address	Ul. Czerwone Maki 82; 30-392 Krakow, Poland
Newbuilding No.		Contact person	Dariusz Szczesniak
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		SDoC ID no.	-

Is product already Type approved by DNV? Yes No

<Product information>

Product Name	Product Number	Amount delivered		Product information
		Amount	Unit (Kg, m2, m3)	
CABLE, ASSY, MM/MOBILE PWR CABLE 10 FT, 12 AWG, 20A	HKN4191C	<0.2	Kg	Cable Assembly

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

Unit:

1	piece
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 (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?	IF YES		Information on where it is used
				Material Mass		
				Amount	Unit (Kg, m2, m3)	
A-1	Asbestos	No threshold level	No			
A-2	Polychlorinated biphenyls (PCBs)	No threshold level	No			
A-3	Ozone depleting substances	No threshold level	No			
			No			
			No			
			No			
			No			
			No			
			No			
A-4	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			

Note: - For materials in this Table with no threshold level, quantities occurring as unintentional trace contaminants should not be listed in MD

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		
				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	Yes	<0.01	Kg	Brass, Phosphor bronze
B-4	Mercury and Mercury Compounds	1,000 mg/kg	No			
B-5	Polybrominated Biphenyl (PBBs)	1,000 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)	No threshold level	No			
B-8	Radioactive substances	No threshold level	No			
B-9	Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1%	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

TABLE C: Potentially hazardous items

No.	Properties	Goods	Amount	Units	Location	
C-1	Liquid	Kerosene	NA			
C-2		Oiliness	White spirit	NA		
C-3			Lubricating oil	NA		
C-4			Hydraulic oil	NA		
C-5			Anti-seize compounds	NA		
C-6		Fuel additive	NA			
C-7		Engine coolant additives	NA			
C-8		Antifreeze fluids	NA			
C-9		Boiler and feed water treatment and test re-agents	NA			
C-10		De-ioniser regenerating chemicals	NA			
C-11		Evaporator dosing and descaling acids	NA			
C-12		Paint stabilizers/rust stabilizers	NA			
C-13		Solvents/thinners	NA			
C-14		Paints	NA			
C-15		Chemical refrigerants	NA			
C-16		Battery electrolyte	NA			
C-17		Alcohol, methylated spirits	NA			
C-18	Gas	Acetylene	NA			
C-19		Explosives/inflammables	Propane	NA		
C-20			Butane	NA		
C-21			Oxygen	NA		
C-22		Green House Gases	CO2	NA		
C-23			Perfluorocarbons (PFCs)	NA		
C-24			Methane	NA		
C-25			Hydrofluorocarbon (HFCs)	NA		
C-27			Nitrous oxide(N2O)	NA		
C-28			Sulfur hexafluoride (SF6)	NA		
C-29	Liquid		Bunkers: fuel oil	NA		
C-30		Oiliness	Grease	NA		
C-31			Waste oil (sludge)	NA		
C-32			Sludge	NA		
C-33			Oil/liquid cargo tank residues	NA		
C-34		Ballast water	NA			
C-35		Raw sewage	NA			
C-36		Treated sewage	NA			
C-37		Non-oily liquid cargo residues	NA			
C-38	Gas	Explosibility/inflammability	Fuel gas	NA		
C-39	Solid	Dry cargo residues	NA			
C-40		Medical waste/infectious waste	NA			
C-41		Incinerator ash	NA			
C-42		Garbage	NA			
C-43		Fuel tank residues	NA			
C-44		Oil/solid cargo tank residues	NA			
C-45		Oil/contaminated rags	NA			
C-46		Batteries (incl. lead acid batteries)	NA		Batteries reported separately	
C-47		Pesticides/insecticide sprays	NA			
C-48		Extinguishers	NA			
C-49		Chemical cleaner (incl. electrical equipment cleaner, carbon remover)	NA			
C-50		Detergent/bleacher (could be a liquid)	NA			
C-51		Miscellaneous medicines	NA			
C-52		Fire fighting clothing and equipment	NA			
C-53		Dry tank residues	NA			
C-54		Cargo residues	NA			
C-55		Spare parts which contain materials listed in Table A or Table B	NA			

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.179(58) Adopted on 17 July 2009

TABLE D: Additional substances requested by Regulation (EU) No. 1257/2013

No.	Materials	Threshold level	Present above threshold level?	IF YES		Information on where it is used
				Material Mass		
				Amount	Unit	
D-1	Perfluorooctane sulfonic acid (PFOS)	1,000 mg/kg	No			
D-2	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			

Signed for and on behalf of : Motorola Solutions Inc

Date of issue (M/d/yyyy) : 13/8/2021

Place of issue : 2A, Bayan Lepas Technoplex Ind Park, Mukim 12, SWD, 11900 Penang, Malaysia

Full name : Hasniza Idris

Position : Product Environmental Regulatory Manager

Signature & Company stamp : 