

**MATERIAL DECLARATION (MD)**  
Type 1: SELF DECLARATION

Date of declaration	04-02-2021	Company name	Jotron AS
MD ID no.	MD-85037	Division name	Maritime and Energy
Shipbuilder		Address	Ringdalskogen 8, 3270 Larvik, Norway
Newbuilding no.		Contact person	Frank Løke
Remarks		Telephone no.	47 33 13 97 00
		Fax no.	47 33 12 67 80
		Email address	<a href="mailto:sales@jotron.com">sales@jotron.com</a>
		SDoC ID no.	SDoC-85037

Is product already Type approved by DNV?  Yes  No

**<Product information>**

Product Name	Product Number	Amount delivered		Product information
		Amount	Unit (Kg, m2, m3)	
Tron AIS-SART	85037	0,45	Kg	GMDSS Search and Rescue Transmitter

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

1	piece
---	-------

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

**<Material information>**

Table	Material name	Threshold level	Present above threshold level?	IF YES		If yes, information on where it is used	
				Material Mass			
				Mass	Unit		
Table A** (materials listed in appendix 1 of the Convention)	Asbestos	0,1%*	No				
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No				
	Ozone depleting substances	Chlorofluorocarbons (CFCs)	No threshold level	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	2,500 mg total tin/kg	No					
Table B** (materials listed in appendix 2 of the Convention)	Cadmium and Cadmium Compounds	100 mg/kg	No				
	Hexavalent Chromium and Hexavalent Chromium Compounds	1,000 mg/kg	No				
	Lead and Lead Compounds	1,000 mg/kg	No				
	Mercury and Mercury Compounds	1,000 mg/kg	No				
	Polybrominated Biphenyl (PBBs)	50 mg/kg	No				
	Polybrominated Diphenyl Ethers (PBDEs)	1,000 mg/kg	No				
	Polychloronaphthalenes (Cl ≥3)	50 mg/kg	No				
Radioactive substances	No threshold level	No					
Certain shortchain chlorinated paraffins	1%	No					
Annex II*** (Additional materials)	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No				
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No				

\*Please refer to footnote 18 on the "Form of Material Declaration" in the IMO Guidelines Resolution MEPC.269(68).

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 ( SR/CONF/45).

\*\*\*Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Regulation EC No. 1013/2006 and Directive 2009/16/EC EMSA's Best Practice Guidance on the Inventory of Hazardous Materials, dated 2016-10-28

\*\*\*\*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 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.

Signed for and on behalf of : Jotron AS  
 Date of issue (M/d/yyyy) : 04-02-2021  
 Place of issue : Larvik  
 Full name : Frank Løke  
 Position : Certification Manager

Signature & Company stamp : 

## SUPPLIER'S DECLARATION OF CONFORMITY (SDoC) for Material Declaration Management

(This SDoC is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by a Material Declaration (MD))

Date of declaration	04-02-2021	Company name	Jotron AS
SDoC ID no.	SDoC-85037	Division name	Maritime and Energy
Shipbuilder		Address	Ringdalskogen 8, 3270 Larvik, Norway
Newbuilding no.		Contact person	Frank Løke
Remarks		Telephone no.	47 33 13 97 00
		Fax no.	47 33 12 67 80
		Email address	<a href="mailto:sales@jotron.com">sales@jotron.com</a>

**Object(s) of the Declaration:**

01. Tron AIS-SART
- 02.
- 03.
- 04.
- 05.
- 06.

**The Object(s) of the Declaration described above are in conformity with the requirements of the following documents:**

No.	Document No.	Title	Edition	Date of issue
1		Guidelines for the development of the Inventory of Hazardous Materials Resolution MEPC.269(68)		
2		Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 ( SR/CONF/45).		
3		Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Regulation EC No. 1013/2006 and Directive 2009/16/EC EMSA's Best Practice Guidance on the Inventory of Hazardous Materials, dated 2016-10-28		
4		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.		
5				
6				
7				
8				

**Additional Information:**

- 01.
- 02.

Signed for and on behalf of : Jotron AS

Date of issue (M/d/yyyy) : 04-02-2021

Place of issue : Larvik

Full name : Frank Løke

Position : Certification Manager

Signature & Company stamp :   