



MATERIAL DECLARATION (MD)

<Date of declaration>

| | |
|------|--|
| Date | |
|------|--|

<MD identification number>

| | |
|----------|----|
| MD-ID-No | -1 |
|----------|----|

<Other information>

| | |
|----------|--|
| Remark 1 | |
| Remark 2 | |
| Remark 3 | |

<Supplier (respondent) information>

| | |
|------------------|--|
| Company name | JOWA AB |
| Division name | Technical |
| Address | Tulebovägen 104, SE-42834 Källered, Sweden |
| Contact person | Daniel Madsen |
| Telephone number | 46317265430 |
| Fax number | 46317954540 |
| Email address | spareparts@jowa.se |
| SDoC ID no | |

<Product information>

| Product name | Product number | Delivered unit | | Product information |
|--------------|----------------|----------------|-------|---------------------|
| | | Amount | Unit | |
| | | 1 | piece | |

<Materials information>

This materials information shows the amount of hazardous materials contained in

| | |
|---|-------|
| | Unit |
| 1 | piece |

(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% (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 | | 2500 mg total tin/kg | NO | | | |
| | | | | NO | | | |
| | | | | 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 | | | | |

- (1) In accordance with regulation 4 of the 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 Material Declarations.

| Annex of EU SRR | Material name | | Threshold value | Present above threshold value? | If yes, material mass | | If yes, information on where it is used |
|--|--|--|------------------------------------|--------------------------------|-----------------------|------|---|
| | | | | Yes / No | Mass | Unit | |
| Annex I (materials listed in annex I of the EU SRR) | Perfluorooctane sulfonic acid (PFOS) and its derivatives | | 10 mg/kg (0.001% by weight) (2) | NO | | | |
| Annex II (materials listed in annex II of the EU SRR) | Brominated Flame Retardant (HBSDD) | | 100 mg/kg (0.01% by weight) (2) | NO | | | |

- (2) Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations of 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 1µg/m² of the coated material.



SUPPLIER'S DECLARATION OF CONFORMITY (SDoC)

Supplier's Declaration of Conformity for Material Declaration (MD) management

1 SDoC identification number

2 Issuer's name

Issuer's address

3 Object(s) of the declaration

4 The object(s) of the declaration described above is in conformity with the following documents:

| Document No. | Title | Edition/date of issue |
|--------------|-------|-----------------------|
|--------------|-------|-----------------------|

| | | |
|---|---|---|
| <input type="text" value="MEPC.269(68)"/> | <input type="text" value="Guidelines for the Development of the Inventory of Hazardous Materials"/> | <input type="text" value="2015-05-15"/> |
|---|---|---|

| | | |
|-------------------------------------|---|---|
| <input type="text" value="EU SRR"/> | <input type="text" value="Regulation (EU) No 1257/2013"/> | <input type="text" value="2013-11-20"/> |
|-------------------------------------|---|---|

| | | |
|-----------------------------------|---|---|
| <input type="text" value="EMSA"/> | <input type="text" value="Best Practice Guide on the IHM"/> | <input type="text" value="2016-10-28"/> |
|-----------------------------------|---|---|

6 Additional information

7 Signed for and on behalf of

(place and date of issue)

(name, function)

Daniel Madsen

(signature)