

MATERIAL DECLARATION (MD)

<Date of declaration>

| | |
|------|------------|
| Date | 2022/12/28 |
|------|------------|

<MD identification number>

| | |
|-----------|----------------------------------|
| MD ID-No. | MD_TAI-K_PISPMP_LD-1NSB_20221228 |
|-----------|----------------------------------|

<Other information>

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

<Supplier (respondent) information>

| | |
|------------------|-------------------------------------------------------------------|
| Company name | TAIKO KIKAI INDUSTRIES CO., LTD. |
| Division name | Marine Design Dept. |
| Address | 209-1, Shimotabuse, Tabuse-cho, Kumage-gun, Yamaguchi-pref, Japan |
| Contact person | Koji Inamura |
| Telephone number | (81)0820-52-3110 |
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| Email address | tech-p@taiko-kk.com |
| SDoC ID number | SD_TAI-K_20220810-1 |

<Product information>

| Product name | Product number | Delivered unit | | Product information |
|-------------------|----------------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------|
| | | Amount | Unit | |
| PISTON PUMP PARTS | LD-1NSB | 1,1,2,4,4 4,4,1,2,1 | piece | BALL BEARING,CROSSHEAD PIN,OIL SEAL,VALVE GUIDE,SPRING, SPRING SEAT,VALVE,CYLINDER BARREL,VALVE SEAT,CYLINDER LINER |

<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% * | No | | | | |
| | Polychlorinated biphenyls (PCBs) | Polychlorinated biphenyls (PCBs) | 50 mg/kg | No | | | | |
| | | Chlorofluorocarbons (CFCs) | No threshold value | No | | | | |
| | | Halons | | No | | | | |
| | | Other fully halogenated CFCs | | No | | | | |
| | | Carbon tetrachloride | | No | | | | |
| | | Ozone Depleting Substance (ODS) | | 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 | | | | | |
| EU SRR ** | Perfluorooctane sulfonic acid (PFOS)*** | 10 mg/kg | 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 | Yes | 8.5383 | g | VALVE GUIDE,SPRING,SPRING SEAT, VALVE SEAT,CYLINDER LINER | |
| | 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 | | | | |
| 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/m² of the coated material.

[Click here](#) for a brief summary of why this form needs to be completed.