

Material Declaration



<Date of declaration>

| | |
|------|------------|
| Date | 2024/03/28 |
|------|------------|

<MD ID Number>

| | |
|-----------|------------------------------------|
| MD ID no. | MD_SHINKO_CNTPMP_SAG250-2_20240328 |
|-----------|------------------------------------|

<Supplier (respondent) information>

| | |
|------------------|---------------------------------------|
| Company name | SHINKO IND.LTD. |
| Division name | HEAD OFFICE |
| Address | 5-7-21,OHZU,MINAMI-KU,HIROSHIMA,JAPAN |
| Contact person | YUJI SUGA |
| Telephone number | +81-(0)82-508-1000 |
| Fax number | +81-(0)82-508-1020 |
| E-mail address | suga@shinkohir.co.jp |
| SDoC ID no. | SD_SHINKO_20231221 |

<Other information>

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

<Product Information>

| Product name | Product number | Delivered unit | | Product information |
|------------------|----------------|----------------|-------|---------------------|
| | | Amount | Unit | |
| CENTRIFUGAL PUMP | SAG250-2 | 1 | piece | L.O.PUMP |

<Materials information>

This materials information shows the amount of hazardous materials contained in

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

 (unit: piece, kg, m3, m2, m) 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(g) | | |
| 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 value | 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 | | | |
| Bromochloromethane | No | | | | | | |
| Anti-fouling systems containing organotin compounds as a biocide | 2,500 mg total tin/kg | No | | | | | |
| Anti-fouling systems containing cybutyne | 1,000 mg/kg ²⁰ | 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(g) | |
| 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 | | | |
| | Polychlorinated naphthalenes (more than 3 chlorine atoms) | 50 mg/kg | No | | | |
| | Radioactive substances | no threshold value | No | | | |
| Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro) | 1% | No | | | | |

Materials required by "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. The format for the following materials is subject to the modification according to any amendment or supplement of the regulation.

| Table | Material name | Threshold value | Present above threshold value | If yes, material mass | | If yes, information on where it is used |
|----------|--------------------------------------|------------------------------|-------------------------------|-----------------------|---------|---|
| | | | Yes / No / NA | Mass | Unit(g) | |
| ANNEX I | Perfluorooctane sulfonic acid (PFOS) | 10 mg/kg (0.001% by weight*) | No | | | |
| ANNEX II | Brominated Flame Retardant (HBCDD) | 100 mg/kg (0.01% by weight) | No | | | |

*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 1µg/m² of the coated material.

20 When samples are directly taken from the hull, average values of cybutyne should not be present above 1,000 mg of cybutyne per kilogram of dry paint.

Supplier's Declaration of Conformity for Material Declaration management

1) SDoC ID number: SD_SHINKO_20231221

2) Issuer's name: SHINKO IND.LTD.

Issuer's address: 5-7-21, Ohzu, Minami-ku, Hiroshima, Japan

3) Object(s) of the declaration:

| | |
|-------------------------|-------------------|
| <u>Centrifugal Pump</u> | <u>Gear Pump</u> |
| <u>Piston Pump</u> | <u>Screw Pump</u> |
| <u>Tank Unit</u> | <u>Hand Pump</u> |
| <u>Steam Turbine</u> | |
| <u>Steam Ejector</u> | |
| <u>Condenser</u> | |
| <u>Heater</u> | |

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

5) The company policy on the management of the chemical substances in products :

| Document no.: | Title: | Edition: | Date of issue: |
|---------------------|--|----------|-------------------|
| <u>SCM-101</u> | <u>Chemical Substance Control Manual</u> | <u>1</u> | <u>2010.10.21</u> |
| <u>MEPC.379(80)</u> | <u>Guidelines for the development of the IHM</u> | | <u>2023.12.01</u> |
| <u>EU-SRR</u> | <u>REGULATION (EU) No 1257/2013</u> | | <u>2013.11.20</u> |

6) Additional information : _____

7) Signed for and on behalf of : SHINKO IND.LTD.

Hiroshima, Japan
(Place of issue)

2023/12/21
(Date of issue)

YUJI SUGA,
Assistant Manager of Quality System Dept.
(Name, function)



(Signature)