



Supplier's Declaration of Conformity  
for Material Declaration Management

SDOUC No.: SDQCC-663099  
2) Shipper's name:  
3) Shipper's address:  
ZHONGSHAN XANGERMAN SHIP SERVICE CO LTD.  
25 SANHUA RD JIAOTOU ZHONGSHAN ZHEJIANG PROVINCE ZHOUSHAN CHINA

11

### 3) Object(s) of derivation:

- |     |   |
|-----|---|
| 21) | CLL SEAL TCG3-105-13                    |
| 22) | CLL SEAL TCG3-105-12                    |
| 23) | CLL SEAL TCG3-105-12                    |
| 24) | CLL SEAL TCG3-105-12                    |
| 25) | CLL SEAL TCG3-105-12                    |
| 26) | BEARING SKF 6212-ZZC1                   |
| 27) | BEARING SKF 6214-ZZC1                   |
| 28) | BEARING SKF 6220-ZZ                     |
| 29) | BEARING SKF 62211                       |
| 30) | BEARING SKF 22214                       |
| 31) | BEARING SKF 6213-ZZC1                   |
| 32) | BEARING SKF 22214                       |
| 33) | BEARING SKF 22210                       |
| 34) | BEARING SKF 22210                       |
| 35) | CHASSE WIRE (ANTI-TWIST GALV) 147' 18GA |
| 36) | MOTOR COVER FIBERGLASS NEW ONE          |
| 37) | NARSTER CLEAN FIBERGLASS NEW ONE        |
| 38) | ADDITIONAL CLEAR FIBERGLASS             |
| 39) | LIMIT SWITCH 3                          |
| 40) | LIMIT SWITCH 2                          |
| 41) | LIGHT                                   |

4) The object(s) of the declaration described above is/are in conformity with the following documents:  
5) Applicable Regulations or other stipulated requirements and documents

Document No.	Title	Editions	Date of issue
MEPC.269(68)	Guidelines for the development of the IBCN Regulations (ICR) Part	2015-05-15	
EU SRR	3.25/7/2013	2013-11-20	
ENSA	Best Practice Guide on IMO	2016-10-26	
SRU/COPN/4/S	Hong Kong International Convention	SRU/COPN/4/S	

6) Additional information required for wind up  
Each of the

甲子年春月

Date of issue



Journal of Aging Studies

## INVENTORY OF HAZARDOUS MATERIALS

<Date of Declaration>	
Date	2024-06-10
<IMO ID number>	
IMO ID No.	MD-163203
<Other information>	
Remark 1	
Remark 2	
Remark 3	

## &lt;Product Information&gt;

Product name	Product number
OIL SEAL TC160-190*3.6	8IG-398/2023/E/62203

<Material information>  
This material information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Asbestos		No threshold level	No	No	
Polychlorinated biphenyls(PCBs)		No threshold level	No	No	
Chlorofluorocarbons(CFCs)		No threshold level	No	No	
Halons		No threshold level	No	No	
Other fully halogenated CFCs		No threshold level	No	No	
Carbon tetrachloride		No threshold level	No	No	
1,1,1-Trichloroethane		No threshold level	No	No	
Hydrochlorofluorocarbons		No threshold level	No	No	
Hydrochlorofluorocarbons		No threshold level	No	No	
Methyl bromide		No threshold level	No	No	
Bromochloromethane		No threshold level	No	No	
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total	4mg/kg	No	No	

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Cadmium and cadmium compounds	100 mg/kg	No	No	No	
Hexavalent chromium and hexavalent chromium compounds	1 g/kg	No	No	No	
Lead and lead compounds	1 g/kg	No	No	No	
Mercury and mercury compounds	1 g/kg	No	No	No	
Polybrominated biphenyl (PBB)	1 g/kg	No	No	No	
Polybrominated diphenyl ethers (PBDEs)	1 g/kg	No	No	No	
Polychloronaphthalenes (Cl >= 3)	no threshold level	No	No	No	
Radioactive substances	no threshold level	No	No	No	
Certain short-chain chlorinated paraffins	10 g/kg	No	No	No	
Perfluorooctane sulfonic acid (FPOS)	10 mg/kg ***	No	No	No	
Brominated Flame Retardant (HBCDD)	100 mg/kg	No	No	No	

## Annex II\*\*\* (Additional materials)

\*Please refer to footnote 16 on the "Form of Material Declaration" in the IMO Guidelines Revision I&II (G.3/2008)

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 | RevCO/HG/F/43| Practice Guidance on the Inventory of Hazardous Materials, dated 2010-10-28  
\*\*\*Concentrations of PCBs above 10 mg/kg (0.001% by weight) which occurs in substances or in preparations or components of PBOCs in semi-finished products or articles, or parts thereof equal to or above than 1 mg/m<sup>2</sup> of the coated material

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<Supplier (respondent) information>	
Company name	ZHOUSHAN KANGERMAN
Division name	SHIP SERVICE CO.LTD.
Address	
Country/region	CHINA
Telephone number	0574-86320300
Fax number	
E-mail address	kangerman@kangerman.com
SCIC ID No.	Multi-SDOC-663099

## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration						
<Supplier (respondent) information>						
Company name	ZHOUSHAN KANGERMAN					
Division name	SHIP SERVICE CO.,LTD.					
Date	12024-06-10					
<MD ID number>	MD-ID-NR. MD-162204					
<Other Information>						
Remark 1						
Remark 2						
Remark 3						
<Product information>						
Product name	Product number					
OIL SEAL TCOB-105-13	01G-399/2023/E762204					
<Material Information>						
This material information shows the amount of hazardous materials contained in						
Table	Material name	Threshold level	Present above threshold level		If yes, material name where it is used	If yes, information on where it is used
			Yes/no	No		
Asbestos	No threshold level	No	No			
Polychlorinated biphenyls(PCBs)	No threshold level	No	No			
Chlorofluorocarbons(CFCs)	No threshold level	No	No			
Halons	No threshold level	No	No			
Other fully halogenated CFCs	No threshold level	No	No			
Ozone-depleting substance	No threshold level	No	No			
Carbon tetrachloride	No threshold level	No	No			
1,1,1-Trichloroethane	No threshold level	No	No			
Hydrochlorofluorocarbons	No threshold level	No	No			
Methyl bromide	No threshold level	No	No			
Bromochlorofluoromethane	No threshold level	No	No			
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No	No			
Table	Material name	Threshold level	Present above threshold level	If yes, material name where it is used	If yes, information on where it is used	
Cadmium and cadmium compounds	100 mg/kg	No	No			
Hexavalent chromium and hexavalent chromium compounds	1 g/kg	No	No			
Lead and lead compounds	1 g/kg	No	No			
Mercury and mercury compounds	1 g/kg	No	No			
Polybrominated biphenyl (PBBs)	1 g/kg	No	No			
Polybrominated diphenyl ethers (PBDEs)	1 g/kg	No threshold level	No			
Polychlorobiphenyls (Cl >= 3)	No threshold level	No	No			
Radiative substances	No threshold level	No	No			
Certain short-chain chlorinated paraffins	10 g/kg	No	No			
Perfluoroalkane sulfonic acid (PFOS)	10 mg/kg ***	No	No			
<b>Annex II-** (Additional materials)</b>						
Brominated Flame Retardant (HBCDD)	100 mg/kg	No	No			

\*Please refer to Article 18 on the "List of Material Classification in the IARC Guidelines (Revision IARC-GUIDELINES-2010)"

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Management of Oceans Dumping of Hazardous Wastes (Hazardous Wastes (HS) 2017/2018) of the International Maritime Organization (IMO) 2010 (IAC/GC/16/25)

\*\*\*Directive Guidance on the inventory of Hazardous Materials, dated 2016-10-26

\*\*Concentrations of 0.05% above 10 mg/kg (0.05%, by weight) when it occurs in substances or in mixtures or in concentrations of 0.05% in unmixtures products or articles, or parts thereof which to or above than 0.05% by weight calculated with reference to the mass of structurally or microstructurally distinct parts that contain PFOS or for treated or other coated materials if the amount of PFOS is equal

to or above than 10 mg/kg of the coated material

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## INVENTORY OF HAZARDOUS MATERIALS

<Date of Declaration>	
Date	2024-06-10
<MD ID number>	
MD-ID-Nr.	MD-162205
<Other Information>	
Remark 1	
Remark 2	
Remark 3	

## &lt;Product information&gt;

Product name	Product number
OIL SEAL TCS5+7B+12	BIG-398/2022/E/262205

<Material Information>  
This material information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level		If yes, material mass where it is used	If yes, information on where it is used
			Unit	PSU		
Asbestos		no threshold level	No	No		
Polychlorinated biphenyls(PCBs)		no threshold level	No	No		
Chlorofluorocarbons(CFCs)		no threshold level	No	No		
Halons		no threshold level	No	No		
Other fully halogenated CFCs		no threshold level	No	No		
Oron depicting substance		no threshold level	No	No		
Carbon tetrachloride		no threshold level	No	No		
1,1,1-Trichloroethane		no threshold level	No	No		
Hydrochlorofluorocarbons		no threshold level	No	No		
Methyl bromide		no threshold level	No	No		
Bromochloromethane		no threshold level	No	No		
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tiny/kg	No	No		
Table	Material name	Threshold level	Present above threshold level Unit/PSU	If yes, material mass where it is used	If yes, information on where it is used	
Cadmium and cadmium compounds		100 mg/kg	No	No		
Hexavalent chromium and hexavalent chromium compounds		1 g/kg	No	No		
Lead and lead compounds		1 g/kg	No	No		
Mercury and mercury compounds		1 g/kg	No	No		
Polybrominated biphenyl (PBBs)		1 g/kg	No	No		
Polybrominated diphenyl ethers (PBDEs)		1 g/kg	No	No		
Polybrominated biphenyl ethers (Cl = 3)		no threshold level	No	No		
Radioactive substances		no threshold level	No	No		
Certain short-chain chlorinated paraffins		10 g/kg	No	No		
Perfluorooctane sulfonic acid (FOS)		10 mg/kg ***	No	No		
Brominated Flame Retardant (HBCDD)		100 mg/kg ***	No	No		

## Annex II\*\*\* (Additional materials)

\*Please refer to Schedule 1B of the "Guidelines for the Filing of Material Declaration" in the IMO Guidelines on the Management of Chemicals on Board.

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2019 (SOLAS/MEPC.2/Circ.1067) Annex 1 Regulation 10 (a) (2017/2013) of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and Amending Regulation EC No 1001/2009 and Directive 2009/65/EC (EU) 2013/1067-Guidance on the inventory of Hazardous Materials, dated 2014-10-23

\*\*\*Concentrations of PCBs above 10 mg/kg (by weight) when it occurs in substances or in mixtures or concentrations of PCBs in semi-finished products or articles or parts thereof equal to or above than 0.1% by weight calculated with respect to the mass of structurally or molecularly distinct parts that contain PCBs in their texture or other coated material, if the amount of PCBs is equal to or above than 1 mg/m<sup>2</sup> on the coated material.

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<Supplier (responsible) information>	
Company name	ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.
Address	255 SANBA RD JIAOTOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China
Contact person	Kangerman
Telephone number	+86 574 8888 8888
Fax number	
E-mail address	kangerman@kangerman.com
SDOC ID-No.	MSI-SDOC-661099

## INVENTORY OF HAZARDOUS MATERIALS

<Supplier (respondent) information>	
Company name	ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.
Division name	
Date	2024-06-10
<MD ID number>	MO-ID-MG
MD-ID-MG	MD-162206
<Other information>	
Remark 1	
Remark 2	
Remark 3	

## &lt;Product information&gt;

Product name	Product number
Oil Seal TC43*6B*12	BIG-399/2023E/3.62206

<Material information>  
This material's information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level		If yes, material mass kg/t/kg	If yes, information on where it is used
			Yes/t/kg	No		
Asbestos		No threshold level		No	No	
Polychlorinated biphenyls(PCBs)		No threshold level		No	No	
Chlorofluorocarbons(CFCs)		No threshold level		No	No	
Halons		No threshold level		No	No	
Other fully halogenated CFCs		No threshold level		No	No	
Ozone-depleting substance		No threshold level		No	No	
Carbon tetrachloride		No threshold level		No	No	
1,1,1-trichloroethane		No threshold level		No	No	
Hydrochlorofluorocarbons		No threshold level		No	No	
Methyl bromide		No threshold level		No	No	
Bromochloromethane		No threshold level		No	No	
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total		No	No	
Table	Material name	Threshold level	Present above threshold level	If yes, material mass kg/t/kg	No	If yes, information on where it is used
Cadmium and cadmium compounds		100 mg/kg	No	No	Unit	
Hexavalent chromium and hexavalent chromium compounds		1 g/kg	No	No	Unit	
Lead and lead compounds		1 g/kg	No	No	Unit	
Mercury and mercury compounds		1 g/kg	No	No	Unit	
Polybrominated biphenyl (PBBs)		1 g/kg	No	No	Unit	
Polybrominated diphenyl ethers (PBDEs)		1 g/kg	No	No	Unit	
Polybromonaphthalene (CB > = 3)		No threshold level	No	No	Unit	
Radiotoxic substances		No threshold level	No	No	Unit	
Certain short-chain chlorinated paraffins		10 mg/kg	No	No	Unit	
Perfluorooctane sulfonic acid (PFOS)		10 mg/kg***	No	No	Unit	
<b>Annex II*** (Additional materials)</b>						
<b>Brominated Flame Retardant (HBCCD)</b>		100 mg/kg	No	No	Unit	

\*Please refer to Appendix II on the "Form of Material Declaration" in the IMO Guidelines Publication MARPOL Annex VI.

\*\*HONG KONG International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (COPW/INF/4/1)  
\*\*\*Regulation EU No 1252/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Regulation EC No 1013/2006 and Directive 2008/10/EC. Annex II  
\*\*\*\*Concentrations of PBDEs above 10 mg/kg (t/kg) when it occurs in substances or in preparations or concentrations of PBDEs in well-known products or articles, or parts thereof equal to or above 0.01% by weight (calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PBDEs or for treated or other coated material, if the amount of PBDEs is equal to or above than 10 mg/m<sup>2</sup> of the coated material).

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## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration						
<Supplier (Respondent) information>						
<b>&lt;Date of Declaration&gt;</b>	Date	2024-06-10				
<b>*MD ID number*</b>	MD ID No.	MD-162207				
<b>*Other information*</b>						
Remark 1	Remark 2					Remark 3
<Product information>						
Product name	Product number	Amount	Unit	Delivered unit	Unit	Product information
OIL SEAL TC65+SB+12	BIG-398/2023E/162207	1	kg	kg	kg	
<Material information>						
This material information shows the amount of hazardous materials contained in						
Table	Material name	Threshold level	Present above threshold level Yes/No	If yes, material mass	If yes, information on where it is used	
Asthington		no threshold level	No			
Polychlorinated biphenyls(PCBs)		no threshold level	No			
Chlorofluorocarbons(CFCs)		no threshold level	No			
Halons		no threshold level	No			
Other fully halogenated CFCs		no threshold level	No			
Carbon tetrachloride		no threshold level	No			
Ozone-depleting substance		no threshold level	No			
1,1,1-Trichlorethane		no threshold level	No			
Hydrochlorofluorocarbons		no threshold level	No			
Hydrochlorofluorocarbons		no threshold level	No			
Methyl bromide		no threshold level	No			
Bromochloromethane		no threshold level	No			
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total	threshold timing				
Table	Material name	Threshold level	Present above threshold level Yes/No	If yes, material mass	If yes, information on where it is used	
Cadmium and cadmium compounds		100 mg/kg	No			
Hexavalent chromium and hexavalent chromium compounds		1 g/kg	No			
Lead and lead compounds		1 g/kg	No			
Mercury and mercury compounds		1 g/kg	No			
Polybrominated biphenyl (PBBs)		1 g/kg	No			
Polybrominated diphenyl ethers (PBDEs)		1 g/kg	No			
Polychloronaphthalenes (Cl > 3)		no threshold level	No			
Radiative substances		no threshold level	No			
Certain short-chain chlorinated paraffins	10 g/kg		No			
Perfluorooctane sulfonic acid (POSF)	100 mg/kg ***		No			
<b>Annex II*** (Additional materials)</b>						
Brominated Flame Retardant (HBCCD)						
*Please refer to Institute 33 on the "Form of Material Declaration" in the IMO Guidelines, Resolution MEPC.206(68).						
**Hong Kong Convention: Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (CSC/COPUOS/25).						
***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 2000/10/EC, both as last Practice Guidance on the Inventory of Hazardous Materials, dated 2016-10-25.						
****Concentrations of PCBs above 10 mg/kg (by weight) when it occurs in substances or in preparations or products thereto equal to or above than 0.1% by weight calculated with regard to the mass of structurally or micro-structurally distinct parts that contains PCBs or their mixtures or other related materials, if the amount of PCBs is equal to or above than 100 mg/kg of the coated material.						

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## INVENTORY OF HAZARDOUS MATERIALS

<b>Supplier (respondent) information:</b>	
<b>&lt;Date of Declaration&gt;</b>	Date
<b>&lt;MD ID number&gt;</b>	MD ID No.
<Other information>	
Remark 1	
Remark 2	
Remark 3	

## &lt;Product Information&gt;

Product name	Product number	Amount	Unit	Delivered unit	Unit	Product information
MEARING SKF 6212-2ZC3	8IG-198/2023/E/162208	20	kg	kg	kg	

<Material information>  
This material's information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level yes/no	If yes, material mass kg/ton	If yes, information on where it is used
Abrasives		no threshold level	No		
Polychlorinated biphenyls(PCBs)		no threshold level	No		
Chlorofluorocarbons(CFCs)		no threshold level	No		
Halons		no threshold level	No		
Other fully halogenated CFCs		no threshold level	No		
Ozone depleting substance		no threshold level	No		
Carbon tetrachloride		no threshold level	No		
1,1,1-Trichloroethane		no threshold level	No		
Hydrochlorofluorocarbons		no threshold level	No		
Hydrochlorofluorocarbons		no threshold level	No		
Methyl bromide		no threshold level	No		
Bromochloromethane		no threshold level	No		
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg	No		

Table	Material name	Threshold level	Present above threshold level yes/no	If yes, material mass kg/ton	If yes, information on where it is used
Cadmium and cadmium compounds		100 mg/kg	No		
Hexavalent chromium and hexavalent chromium compounds		1 g/kg	No		
Lead and lead compounds		3 g/kg	No		
Mercury and mercury compounds		1 g/kg	No		
Polybrominated biphenyl (PBBs)		1 g/kg	No		
Polybrominated diphenyl ethers (PBDEs)		1 g/kg	No		
Polybromonaphthalenes (Cl = n 3)		no threshold level	No		
Radioactive substances		no threshold level	No		
Certain shortchain chlorinated paraffins		10 g/kg	No		
Perfluorooctane sulfonic acid (POS)		10 mg/kg ***	No		
Brominated Flame Retardant (HBCDD)		100 mg/kg	No		

## Annex II --- (Additional materials)

\*Please refer to footnote 10 on the "Form of Material Declaration" in the IUBG Guidance Regulation IUBG-2006/06.

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SOLAS/2009/45)  
\*\*\*Regulation EU (EU) 2027/3519 of the European Parliament and of the Council of 20 November 2018 on the Regulation (EC) 1013/2009 and Directive 2009/148/EC (EU)'s Best Practice Guidance on the Inventory of Hazardous Materials dated 2016/10-28  
\*\*\*\*Concentrations of PBOs above 10 mg/kg (0.001% by weight), when it occurs in substances or preparations or concentrations of PBOs in semi-finished products or articles, or parts thereof which do not exceed 10 mg/kg by weight calculated with reference to the mass of structurally or micro-structurally distinct units that contain PBOs or for certain other coated materials, if the amount of PBOs is equal to or above than 1 mg/kg of the coated material.

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## INVENTORY OF HAZARDOUS MATERIALS

<Date of Declaration>		Date	2024-06-10
<MD ID number>		MD-ID No.	MD-162209
<Other information>			
Remark 1			
Remark 2			
Remark 3			

## &lt;Product information&gt;

Product name	Product number
BEARING SKF 6214-2ZC3	BIG-398/2023E/362209

<Material information>  
This materials information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level		If yes, material name	If yes, information on where it is used
			Yes/No	No		
	Ashbestos	no threshold level	No	No		
	Polychlorinated biphenyls(PCBs)	no threshold level	No	No		
	Chlorofluorocarbons(CFCs)	no threshold level	No	No		
	Halons	no threshold level	No	No		
	Other fully halogenated CFCs	no threshold level	No	No		
	Carbon tetrachloride	no threshold level	No	No		
	Ozon depleting substance	no threshold level	No	No		
Table A (materials listed in appendix 1 of the Convention)	i,1,1-Trichloroethane	no threshold level	No	No		
	Hydrochlorofluorocarbons	no threshold level	No	No		
	Methyl bromide	no threshold level	No	No		
	Bromochloromethane	no threshold level	No	No		
	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No	No		
Table	Material name	Threshold level	Present above threshold level	Yes/No	If yes, material name	If yes, information on where it is used
	Cadmium and cadmium compounds	threshold level Yes/No	Yes/No	No		
	Hexavalent chromium and hexavalent chromium compounds	100 mg/kg	Yes/No	No		
	Lead and lead compounds	1 g/kg	Yes/No	No		
	Mercury and mercury compounds	1 g/kg	Yes/No	No		
	Polybrominated biphenyl (PBBs)	1 g/kg	Yes/No	No		
	Polybrominated diphenyl ethers (PBDEs)	1 g/kg	Yes/No	No		
	Poly(chlorobiphenyls) (Cl >= 3)	no threshold level	Yes/No	No		
	Radioactive substances	no threshold level	Yes/No	No		
	Certain short-chain chlorinated paraffins	10 mg/kg	Yes/No	No		
Annex III** (Additional materials)	Perfluorooctane sulfonic acid (PFOS) Brominated Flame Retardant (HBCDD)	100 mg/kg***	Yes/No	No		

\*Please refer to Section 18 on the "Form of Material Declaration" in the ILO Guidelines Revision MERC 269(VII).

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SOLAS-2009).

\*\*\*Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations or concentrations of PBBs in unmodified products or articles, or 100% thereof, when total or all above than 0.1% by weight can, unless otherwise to the rules of inclusivity of hydrocarbons, list any given in column II of the ILO-105 is equal to or above than 1 mg/kg of the coated material.

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<Supplier (responsible) information>	
Company name	ZHOUSHAN RANGERMAN SHIP SERVICE CO.,LTD.
Division name	
Address	
Telephone number	255 SANBA RD JIATOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China
Fax number	
E-mail address	rangerman@rangermann.com
Other ID-No.	Multi-S Doc-663999

## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration						
<Supplier (respondent) information>						
Company name:	ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.					
Division name:						
Address:	255 SANBA RD JAOTOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China					
Contact person:	Kangerman					
Telephone number:	+86 574 22210					
Fax number:						
E-mail address:	kangerman@kangerman.com					
ISOCID ID-No.:	Multi_SDoc-661099					
<Product information>						
Product name:	Product number:	Amount:	Unit:	Delivered unit:	Unit:	Product information:
BEARING SKF 6028/C3	81G-398/2023E/162210	2			pcx	
<Material information>						
This material information shows the amount of hazardous materials contained in						
Table	Material name	Threshold level	If yes, above threshold level	If yes, material name	If yes, information on where it is used	
Astbestos		no threshold level	No	No/No		
Polychlorinated biphenyls(PCBs)		no threshold level	No	No/No		
Chlorofluorocarbons(CFCs)		no threshold level	No	No/No		
Halons		no threshold level	No	No/No		
Other fully halogenated CFCs		no threshold level	No	No/No		
Ozon depleting substance		no threshold level	No	No/No		
Carbon tetrachloride		no threshold level	No	No/No		
1,1,1-Trichloroethane		no threshold level	No	No/No		
Hydrochlorofluorocarbons		no threshold level	No	No/No		
Methyl bromide		no threshold level	No	No/No		
Bromochloromethane		no threshold level	No	No/No		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total/tin/kg					
Table	Material name	Threshold level	If yes, above threshold level	If yes, material name	If yes, information on where it is used	
Cadmium and cadmium compounds		no threshold level	No	No/No		
Hexavalent chromium and hexavalent chromium compounds	100 mg/kg		No	No/No		
Lead and lead compounds	1 g/kg		No	No/No		
Mercury and mercury compounds	1.9/kg		No	No/No		
Polybrominated biphenyl (PBBs)	1.9/kg		No	No/No		
Polybrominated diphenyl ethers (PBDEs)	1.9/kg	no threshold level	No	No/No		
Polybromophthalenes (Cl >= 3)		no threshold level	No	No/No		
Radiactive substances		no threshold level	No	No/No		
Certain short-chain chlorinated paraffins	10 g/kg		No	No/No		
Perfluorooctane sulfonic acid (FOOS)	10 mg/kg***		No	No/No		
<b>Annex II*** (Additional materials)</b>	<b>Brominated Flame Retardant (HBCDD)</b>					
(Please refer to Article 18 on the "Form of Material Declaration" in the IMO Guidelines Regulation IBC/IBC 2010 (C.4/2014/45), Hong Kong International Convention for Safe and Environmentally Sound Recycling of Ships, 2009 (C.4/2014/45), Practice Guidance on the Inventory of Hazardous Materials dated 2018-10-23 **Concentrations of PCBs above 10 mg/kg (0.001% by weight) where it occurs in substances or in preparations or concentrations of PCBs 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 substance or manufactured article, if the amount of PCBs is equal to or above than 1 kg/m <sup>3</sup> of the coated material)						

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## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration						
Supplier (respondent) information						
<b>&lt; Date of Declaration &gt;</b>	Date	2024-06-10				
<b>&lt; MD ID number &gt;</b>	MD ID No.	MD-162211				
< Other information >						
Remark 1	Remark 2					
Remark 3	Remark 4					
< Product information >						
Product name	Product number	Product information				
BEARING SKF OCP315	BIG-398/2023E762211	Unit	Delivered unit	Unit	Unit	Unit
< Material information >						
This material information shows the amount of hazardous materials contained in						
Table	Material name	Threshold level	Present above threshold level	if yes, material mass	if yes, information on where it is used	
Ashes/stone		no threshold level	No	No/No		
Polychlorinated biphenyls(PCBs)		no threshold level	No	No		
Chlorofluorocarbons(CFCs)		no threshold level	No	No		
Halons		no threshold level	No	No		
Other fully halogenated CFCs		no threshold level	No	No		
Ozone depleting substance		no threshold level	No	No		
Carbon tetrachloride		no threshold level	No	No		
1,1,1-Trichlorethane		no threshold level	No	No		
Hydrochlorofluorocarbons		no threshold level	No	No		
Methyl bromide		no threshold level	No	No		
Bromochloromethane		no threshold level	No	No		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total	threshold level	present above threshold level	if yes, material mass	if yes, information on where it is used	
Table	Material name	threshold level	present above threshold level	if yes, material mass	if yes, information on where it is used	
Cadmium and cadmium compounds		100 mg/kg	No	No		
Hexavalent chromium and hexavalent chromium compounds		1 g/kg	No	No		
Lead and lead compounds		1 g/kg	No	No		
Mercury and mercury compounds		1 g/kg	No	No		
Polybrominated biphenyl (PBBs)		1 g/kg	No	No		
Polybrominated diphenyl ethers (PBDEs)		1 g/kg	No	No		
Polychlorophenol ethers (Cl > 3)		no threshold level	No	No		
Radioactive substances		no threshold level	No	No		
Certain short-chain chlorinated paraffins perfluorooctane sulfonic acid (FOS)	10 ppm	No	No	No		
Annex II*** (Additional materials)		10 mg/kg ***	No	No		
Brominated Flame Retardant (HBCDD)	100 mg/kg	No	No	No		

\*Please refer to footnote 18 on the "Form of Material Declaration" in the I-MD Guidelines Revision M&P-2016.

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (CSC/CONC-25).

\*\*\*Regulation EU No 1287/2013 of the European Parliament and of the Council of 20 November 2013 on ship Recycling and amending Regulation EC No 1013/2006 and Directive 2000/10/EC (Marine Directives Guidance on the Inventory of Hazardous Materials), dated 2016-10-28.

\*\*\*\*Concentrations of DEOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations or concentrations of DEOS in semi-finished products or articles or parts thereof which are to be disposed of or otherwise than 100 m<sup>3</sup> of the treated material.

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## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration  
<Supplier (respondent) information>

<b>&lt;Date of Declaration&gt;</b>	Date	2024-06-10
<b>&lt;MD ID number&gt;</b>	MD-ID-Nr.	MD-162212
<b>&lt;Other information&gt;</b>		
Remark 1		
Remark 2		
Remark 3		

## &lt;Product Information&gt;

## Product name

BEARING SKF 32214

Product number

815-398/20.21E/162212

## Unit

PCB

## Product information

## &lt;Material Information&gt;

This material's information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level Yes/No	If yes, material mass Mass	If yes, information on where it is used Unit
Abrasives		no threshold level	No		
Polychlorinated biphenyls(PCBs)		no threshold level	No		
Chlorofluorocarbons(CFCs)		no threshold level	No		
Halons		no threshold level	No		
Other fully halogenated CFCs		no threshold level	No		
Ozone depleting substance		no threshold level	No		
Carbon tetrachloride		no threshold level	No		
1,1,1-Trichloroethane		no threshold level	No		
Hydrochlorofluorocarbons		no threshold level	No		
Methyl bromide		no threshold level	No		
Bromochloromethane		no threshold level	No		
Antifouling systems containing organotin compounds as a biocide		2,500 mg total tiny/kg	No		

## Table A (materials listed in

## appendix 1 of the Convention

Table	Material name	Threshold level	Present above threshold level Yes/No	If yes, material mass Mass	If yes, information on where it is used Unit
Cadmium and cadmium compounds		100 mg/kg	No		
Hexavalent chromium and hexavalent chromium compounds		1.9/kg	No		
Lead and lead compounds		1.9/kg	No		
Mercury and mercury compounds		1.9/kg	No		
Polybrominated biphenyl (PBB)		1.9/kg	No		
Polybrominated diphenyl ethers (PBDEs)		1.9/kg	No		
Radiactive substances		no threshold level	No		
Certain short-chain chlorinated paraffins		10 g/kg	No		
Brominated Flame Retardant (HBCDD)		10 mg/kg***	No		
Brominated Flame Retardant (HBCDD)		100 mg/kg	No		

## Annex II \*\*\* (Additional materials)

\*Please refer to footnote 18 on the "List of Material Declaration in the IOM Guidelines Resolution MEPC.29(69), 2013"

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SAUCD/H/45)  
\*\*\*Regulation EU No 1272/2013 of the European Parliament and of the Council of 20 November 2013 on the inventory of Hazardous Materials dated 2016-10-26  
\*\*\*\*Concentrations of PBDEs above 10 mg/kg (0.001%) by weight, where it occurs in substances or preparations, or concentrations of PBDEs 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 molecularly distinct parts that contain PBDEs or for certain other coated materials, if the amount of PBDEs is equal to or above than 1 mg/kg of the coated material**Important Notice:** The content and specifications of this form may not be changed or amended. Any changes or amendments by others than the author of this form constitute a breach of copyright law.

## INVENTORY OF HAZARDOUS MATERIALS

**Material Declaration**  
**<Supplier (respondent) information>**

<b>&lt;Date of Declaration&gt;</b>	Date	2024-06-10
<b>&lt;MD ID number&gt;</b>	MD ID No.	MD-162213
<b>&lt;Other information&gt;</b>		

Company name	Address	Contact person	Telephone number	Fax number	E-mail address	SDoc ID-No.
ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.	255 SANBA RD JIATOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China	Kangerman	+86-574-88888888	+86-574-88888888	kangerman@kangerman.com	Multi-SDoc-661099

## &lt;Product information&gt;

Product name	Product number	Amount	Unit	Delivery unit	Unit	Product information
BEARING SKF 6213-2ZC3	8IG-398/2023E762213	2		pc(s)	pc(s)	

<Material information>  
This materials information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Asbestos		no threshold level	No		
Polychlorinated biphenyls(PCBs)		no threshold level	No		
Chlorofluorocarbons(CFCs)		No	No		
Halons		No	No		
Other fully halogenated CFCs		No	No		
Ozone-depleting substances		no threshold level	No		
Carbon tetrachloride		No	No		
1,1,1-Trichloroethane		No	No		
Hydrochlorofluorocarbons		No	No		
Hydrofluorofluorocarbons		No	No		
Methyl bromide		No	No		
Bromochloromethane		No	No		
Antifouling systems containing organotin compounds as a biocide		2,500 mg total	No		

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Cadmium and cadmium compounds		100 mg/kg	No		
Hexavalent chromium and hexavalent chromium compounds		1 g/kg	No		
Lead and lead compounds		1.0/kg	No		
Mercury and mercury compounds		1 g/kg	No		
Polybrominated biphenyl (PBBs)		1 g/kg	No		
Polybrominated diphenyl ethers (PBDEs)		1 g/kg	No		
Polybiphenyls (Cl > = 3)		no threshold level	No		
Radiactive substances		no threshold level	No		
Certain short-chain chlorinated paraffins		10 g/kg	No		
Perfluorooctane sulfonic acid (FOS)		10 mg/kg ***	No		
Brominated Flame Retardant (HBCDD)		100 mg/kg	No		

\*please refer to footnote 10 on the form of Material Declaration in the MD Guidelines Regulation MEPC.209(60).

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

\*\*\*Regulation EU No 1257/2013 of the European Parliament and of the Council of 20 November 2013 on the Registration, Evaluation and Authorization of Chemicals (REACH).

\*\*\*\*Concentrations of IEDCs allow to indicate ID-000% by weight when it occurs in substances or in preparations at concentrations of IEDCs in semi-finished products or articles, or parts thereof equal to or below than 0.1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain IEDCs or for lead-in or other control materials. If the amount of IEDCs is equal to or above than 1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain IEDCs or for lead-in or other control materials.

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## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration  
<Supplier (responsible) information>

<Date of Declaration>	Date	2024-06-10
<MD ID number>	MD-ID-No.	MD-162214
<Other information>	Remark 1	
	Remark 2	
	Remark 3	

## &lt;Product Information&gt;

Product name	Product number
BEARING SKF 30212	6IG-398/2023/162214

<Material information>  
This material information shows the amount of hazardous materials contained in

Table	Material name	Amount	Unit	Delivered unit		
				Unit	Pcs	Product information

Table	Material name	Threshold level	Previous above threshold level		If yes, material name	If yes, information on where it is used
			Yes/No	No		
	Asthesors	no threshold level	No	No		
	Polychlorinated biphenyls(PCBs)	no threshold level	No	No		
	Chlorofluorocarbons(CFCs)	no threshold level	No	No		
	Halons	no threshold level	No	No		
	Other fully halogenated CFCs	no threshold level	No	No		
	Ozone depleting substance	no threshold level	No	No		
	Carbon tetrachloride	no threshold level	No	No		
	1,1,1-Trichloroethane	no threshold level	No	No		
	Hydrochlorofluorocarbons	no threshold level	No	No		
	Hydrobromofluorocarbons	no threshold level	No	No		
	Methyl bromide	no threshold level	No	No		
	Bromochloromethane	no threshold level	No	No		
	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No	No		

Table	Material name	The threshold level	Previous above threshold level		If yes, material name	If yes, information on where it is used
			Yes/No	No		
	Cadmium and cadmium compounds	100 mg/kg	No	No		
	Hexavalent chromium and hexavalent chromium compounds	1 g/kg	No	No		
	Lead and lead compounds	1.0/kg	No	No		
	Mercury and mercury compounds	1.0/kg	No	No		
	Polybrominated biphenyl (PBBs)	1.0/kg	No	No		
	Polybrominated diphenyl ethers (PBDEs)	1.0/kg	No	No		
	Poly(chloroethyl)phenol	no threshold level	No	No		
	Radiactive substances	no threshold level	No	No		
	Certain short-chain chlorinated paraffins	10.0/kg	No	No		
	Perfluoroctane sulfonic acid (POSF)	100 mg/kg ***	No	No		
Annex II*** (Additional materials)	Brominated Flame Retardant (HBCDD)					

\*Please refer to section 10 on the "Form of Material Declaration" in the IED Guidelines Regulation (EU)2016/2006

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Management of Ships' 2009 (ISCMW/2009)

\*\*\*Regulation EU No 1257/2013 of the European Parliament and of the Council of 20 November 2013 on the recycling and banning Regulation (EC) No 1019/2006 and Directive 2000/76/EC (EME/2013/104)

\*\*\*\*Concentrations of PBOCs above 10 mg/kg (by weight) when it occurs in substances or in organisations or concentrations of PBOCs above 0.1% by weight calculated with reference to the mass of structure(s) or manufactured(s) distinct parts that contain PBOCs or their parts or other coated materials, if the amount of PBOCs is equal to or above than 10 mg%<sup>2</sup> of the coated material.

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Supplier (responsible) information	
Company name	ZHOUSHAN KANGERMAN
Address	SHIP SERVICE CO.,LTD.
Telephone number	255 SANBA RD JIAOTOU
Fax number	ZHOUSHAN ZHEJIANG
E-mail address	PROVINCE, ZHOUSHAN,
SDAC ID-No.	China
	kangerman@kangerman.com
	Multi SDAC-661099

## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration <Supplier (respondent) information>						
Company name: DISHENG HANER SHIP SERVICE CO.,LTD.	Address: 255 SANHUA RD JIANTOU ZHOUZHAN ZHEJIANG PROVINCE, ZHOUSHAN, China					
Telephone number: Fax number: E-mail address: Multi-SDoc-ID:	kangerman@kangerman.com kangerman@kangerman.com Multi-SDoc-ID:663099					
<Product information>						
Product name: <b>BEARING SKF 32210</b>	Product number: <b>BIG-398/2023U/162215</b>	Amount: <b>1</b>	Unit: <b>Pcs</b>	Declarant unit: <b>Unit</b>	Unit: <b>Unit</b>	Product information
<Material information> This material information shows the amount of hazardous materials contained in						
Table	Material name	Threshold level	Previous above threshold level: Yes/No	If yes, material name	If yes, information on where it is used	
Table A (materials listed in appendix 1 of the Convention)	Asbestos	no threshold level	No			
	Polychlorinated biphenyls(PCBs)	no threshold level	No			
	Chlorofluorocarbons(CFCs)	no threshold level	No			
	Halons	no threshold level	No			
	Other fully halogenated CFCs	no threshold level	No			
	Carbon tetrachloride	no threshold level	No			
	1,1,1-Trichlorethane	no threshold level	No			
	Hydrochlorofluorocarbons	no threshold level	No			
	Hydrochlorofluorocarbons	no threshold level	No			
	Methyl bromide	no threshold level	No			
Antifouling systems containing organotin compounds as a biocide						
Table	Material name	Threshold level	Previous above threshold level: Yes/No	If yes, material name	If yes, information on where it is used	
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 g/kg	No			
	Lead and lead compounds	1 g/kg	No			
	Mercury and mercury compounds	1 g/kg	No			
	Polybrominated biphenyl (PBBs)	1 g/kg	No			
	Polybrominated diphenyl ethers (PBDEs)	1 g/kg	No			
	Polychloronaphthalenes (Cl >= 3)	no threshold level	No			
	Radioactive substances	no threshold level	No			
	Certain short-chain chlorinated paraffins	10 g/kg	No			
	Brominated Flame Retardant (HBCDD)	100 mg/kg***	No			
Annex II---(Additional materials)						
*Please refer to Guidance 16 on the "Plan of Substitution Decision" in the IEDC Guidelines Resolution IEDC.2008/001. **Please refer to Guidance 16 on the "Plan of Substitution Decision" in the IEDC Guidelines Resolution IEDC.2008/001. ***Regulation (EU) No 1257/2013 of the European Parliament and of the Council of 10 December 2013 on the restriction of the use of certain dangerous substances or concentrations of PEDs in certain articles or parts thereof, referred to as "Concentrations of PEDs", allowing (D) 0.001% by weight when it occurs in substances or in determinants or combinations of PEDs in semi-finished products or articles, or parts thereof, referred to as "articles", or parts thereof, referred to as "determinants", which is due to the presence of substances or in determinants or combinations of PEDs in such articles or parts thereof, or other coated materials, if the amount of PEDs is equal to or below than 1 mg/m <sup>2</sup> of the coated material.						

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## INVENTORY OF HAZARDOUS MATERIALS

<Supplier (respondent) information>	
Company name	ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.
Division name	
Address	
255 SABA RD JIANTOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China	
Contact person	
Telephone number	
Fax number	
E-mail address	
SDoc ID: Mo... Multi-SDoc-663099	

## &lt;Product Information&gt;

Product name	Product number
BEARING SKF 32019	BIG-198/2023E/162216

<Material information>  
This materials information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used	Product information	
						Unit	Unit
	Asbestos	no threshold level	No	No			
	Polychlorinated biphenyls(PICBs)	no threshold level	No	No			
	Chlorofluorocarbons(CFCs)	no threshold level	No	No			
	Halons	no threshold level	No	No			
	Other fully halogenated CFCs	no threshold level	No	No			
	Organ depicting substance	no threshold level	No	No			
	Carbon tetrachloride	no threshold level	No	No			
	1,1,1-Trichloroethane	no threshold level	No	No			
	Hydrochlorofluorocarbons	no threshold level	No	No			
	Hydrochlorofluorocarbons	no threshold level	No	No			
	Methyl bromide	no threshold level	No	No			
	Bromochloromethane	no threshold level	No	No			
	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total	No	No			

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used	Product information	
						Unit	Unit
	Cadmium and cadmium compounds	100 mg/kg	No	No			
	Hexavalent chromium and hexavalent chromium compounds	1 mg/kg	No	No			
	Lead and lead compounds	1 mg/kg	No	No			
	Mercury and mercury compounds	1 mg/kg	No	No			
	Polybrominated biphenyl (PBBs)	1 g/kg	No	No			
	Polybrominated diphenyl ethers (PBDEs)	1 g/kg	No	No			
	Polybifluorophenyl ethers (Cl = n 3)	no threshold level	No	No			
	Radiactive substances	no threshold level	No	No			
	Certain short-chain chlorinated paraffins	10 g/kg	No	No			
	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg ***	No	No			
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No	No			

Annex II \*\*\* (Additional materials)

\*Please refer to Article 10 on the 'Form of Material Declaration' in the IAC Guidelines Regulation IAC-209(6).

\*\*Hong Kong International Convention for the Safeguarding Environment, Sound Recycling of Ships, 2005 (SUCOSS/45)  
\*\*\*Regulation EU No 1272/2008 of the European Parliament and of the Council of 20 November 2008 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 2001/45/EC, and repealing Council Regulation (EC) No 1488/91 and Directives 1999/45/EC, 2000/21/EC, 2001/110/EC, 2003/10/EC, 2003/12/EC, 2003/9/EC, 2005/14/EC, 2007/45/EC, 2009/107/EC, 2010/75/EU, 2010/121/EU, 2010/40/EU, 2010/128/EU, 2011/65/EU, 2011/67/EU, 2011/68/EU, 2011/69/EU, 2011/70/EU, 2011/71/EU, 2011/72/EU, 2011/73/EU, 2011/74/EU, 2011/75/EU, 2011/76/EU, 2011/77/EU, 2011/78/EU, 2011/79/EU, 2011/80/EU, 2011/81/EU, 2011/82/EU, 2011/83/EU, 2011/84/EU, 2011/85/EU, 2011/86/EU, 2011/87/EU, 2011/88/EU, 2011/89/EU, 2011/90/EU, 2011/91/EU, 2011/92/EU, 2011/93/EU, 2011/94/EU, 2011/95/EU, 2011/96/EU, 2011/97/EU, 2011/98/EU, 2011/99/EU, 2011/100/EU, 2011/101/EU, 2011/102/EU, 2011/103/EU, 2011/104/EU, 2011/105/EU, 2011/106/EU, 2011/107/EU, 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2011

## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration						
<Supplier (respondent) information>						
Company name:	ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.	Address:				
Business name:	255 SAMBA RD JIAOTOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China	Contact person:				
Date:	2024-06-10	Telephone number:				
MD ID number:	MD-ID-Nr. MD-162217	Fax number:				
<Other information>	Remark 1	E-mail address:				
	Remark 2	SDoc ID-Nr.				
Remark 3		Multi-SDoc-ID-Nr.				
<Product information>						
Product name:	product number:	Amount:	Unit:	Product information		
CRANE WIRE (ANTI-TWIST GALV.) 16-15BM	BIG-3-58/2023/E162217	1	pc			
This material information shows the amount of hazardous materials contained in						
Table	Material name:	Threshold level:	Prominent above threshold level Yes/No:	If yes, material mass:	If yes, information on where it is used	
Asbestos		no threshold level	No			
Polychlorinated biphenyls(pCBs)		no threshold level	No			
Chlorofluorocarbons(CFCs)		no threshold level	No			
Halons		no threshold level	No			
Other fully halogenated CFCs		no threshold level	No			
Carbon tetrachloride		no threshold level	No			
1,1,1-Trichlorethane		no threshold level	No			
Hydrochlorofluorocarbons		no threshold level	No			
Methyl bromide		no threshold level	No			
Bromochloromethane		no threshold level	No			
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total 1kg/kg	No				
Table	Material name:	Threshold level:	Prominent above threshold level Yes/No:	If yes, material mass:	If yes, information on where it is used	
Cadmium and cadmium compounds	100 mg/kg	No	No			
Hexavalent chromium and hexavalent chromium compounds	1 g/kg	No	No			
Lead and lead compounds	1 g/kg	No	No			
Mercury and mercury compounds	1 g/kg	No	No			
Polybrominated biphenyl (PBBs)	1 g/kg	No	No			
Polybrominated diphenyl ethers (PBDEs)	1 g/kg	No	No			
Radioactive substances	no threshold level	No	No			
Certain short-chain chlorinated paraffins	no threshold level	No	No			
Perfluorooctane sulfonic acid (PFOS)	10 g/kg	No	No			
Brominated Flame Retardant (HBCDD)	100 mg/kg*** 100 mg/kg	No	No			

\*Please refer to Article 18 on the form of Material Declaration in the IACD Guidelines (version: MERC-SDOC-ES).

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships 2009, I-SRCG/HC/45/1, Implementing Guidance on the Inventory of Hazardous Materials dated 2016-01-29.

\*\*\*Concentrations of HBCDD above 100 mg/g (0.01%), by weight, when it occurs in substances or in preparations or concentrations of PFOS in semi-finished products or articles, or items 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 tortiles or other coated materials, if the amount of PFOS is equal to or above than 1 mg/m<sup>2</sup> of the coated material.

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## INVENTORY OF HAZARDOUS MATERIALS

<b>&lt;Supplier (respondent) information&gt;</b>	
<b>Company name</b>	ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.
<b>Division name</b>	
<b>Address</b>	255 SANBA RD JIAYOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China
<b>Contact person</b>	
<b>Telephone number</b>	
<b>Fax number</b>	
<b>E-mail address</b>	kangerman@kangerman.com
<b>SDoc ID No.</b>	Multi-SDoc-631099

## &lt;Product information&gt;

Product name	Product number
MOTOR COVER FERRACATE NEW ONE	BIG-198/2023/E/16.2218

<Material information>  
This materials information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level:		If yes, where it is used
			Y/n/No	No	
Asbestos		no threshold level	No	No	
Polychlorinated biphenyls (PCBs)		no threshold level	No	No	
Chlorofluorocarbons (CFCs)		no threshold level	No	No	
Halons		no threshold level	No	No	
Other fully halogenated CFCs		no threshold level	No	No	
Carbon tetrachloride		no threshold level	No	No	
1,1,1-Trichlorethane		no threshold level	No	No	
Hydrochlorofluorocarbons		no threshold level	No	No	
Methyl bromide		no threshold level	No	No	
Bromochloroethane		no threshold level	No	No	
Anti-fouling systems containing organotin compounds as a biocides		2,500 mg total t/m <sup>2</sup> /kg	No	No	
Table	Material name	Threshold level	Present above threshold level: Y/n/No	If yes, material mass: Y/n/No	If yes, information on where it is used
Cadmium and cadmium compounds		100 mg/kg	No	No	Unit
Hexavalent chromium and hexavalent chromium compounds		1 g/kg	No	No	Unit
Lead and lead compounds		1 g/kg	No	No	Unit
Mercury and mercury compounds		1 g/kg	No	No	Unit
Polybrominated biphenyl (PBBS)		1 g/kg	No	No	Unit
Polybrominated diphenyl ethers (PBDEs)		1 g/kg	No	No	Unit
Polychloronaphthalenes (Cl > 3)		no threshold level	No	No	Unit
Radioactive substances		no threshold level	No	No	Unit
certain short-chain chlorinated paraffins		10 g/kg	No	No	Unit
perfluorooctane sulfonic acid (PFOS)		10 mg/kg***	No	No	Unit
Brominated Flame Retardants (HBCDD)		100 mg/kg	No	No	Unit

**Annex II\*\*\* (Additional materials)**

\*Please refer to Guidance 18 on the "Form of Unified Declaration" in the IARC Guidelines Resolution IARC/26/03/03

\*\*Hong Kong International Convention for the Safe and Environmental Sound Recycling of Ships, 2009 (ISRS/CONF/4/2)

\*\*\*Directive 2010/75/EU of the European Parliament and of the Council of 20 November 2010 on the restriction of the placing of certain dangerous substances in articles or parts thereof equal to or above than 0.1% by weight dissolved with reference to the mass of the article or the mass of the substance (micro-structured parts that contain PFCs or for textiles or other coated materials, if the amount of PFCs is equal to or above than 1 kg/m<sup>2</sup>) of the coated material).

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## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration  
Supplier (respondent) information

< Date of Declaration >	Date:	10/24/06-10
< MD ID number >	MD ID No.:	MD-162219
< Other Information >		
Remark 1		
Remark 2		

## &lt; Product information &gt;

Product name	Product number	Quantity	Unit	Product information
MASTER GEAR FEBRACATE NEW ONE	BIG-399/2023/762219	1	pc	

< Material information >  
This material information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	If yes, material name threshold level Yes/no	If yes, information on where it is used
Astbestos		no threshold level no threshold level	No	
Polychlorinated biphenyls (PCBs)		no threshold level no threshold level	No	
Chlorofluorocarbons (CFCs)		no threshold level no threshold level	No	
Halons		no threshold level no threshold level	No	
Other fully halogenated CFCs		no threshold level no threshold level	No	
Carbon tetrachloride		no threshold level no threshold level	No	
1,1,1 Trichloroethane		no threshold level no threshold level	No	
Hydrochlorofluorocarbons		no threshold level no threshold level	No	
Methyl bromide		no threshold level no threshold level	No	
Bromochloromethane		no threshold level no threshold level	No	
Anti-fouling systems containing organotin compounds as biocide	2,500 mg total in/kg	No		
Table	Material name	Threshold level	Present above threshold level Yes/no	If yes, material name threshold level Yes/no
Cadmium and cadmium compounds	100 mg/kg	No	No	Unit
Hexavalent chromium and hexavalent chromium compounds	1 g/kg	No	No	Unit
Lead and lead compounds	1 g/kg	No	No	Unit
Mercury and mercury compounds	1 g/kg	No	No	Unit
Polybrominated biphenyl (PBBs)	1 g/kg	No	No	Unit
Polybrominated diphenyl ethers (PBDEs)	1 g/kg	No	No	Unit
Radioactive substances	no threshold level no threshold level	No	No	Unit
Certain short-chain chlorinated paraffins	10 g/kg	No	No	Unit
Perfluorooctane sulfonic acid (FOOS)	10 mg/kg 100 mg/kg***	No	No	Unit
Brominated Flame Retardants (HBCDD)				

## Annex II -- (Additional materials)

\*Please refer to Article 18 on the "List of Material Classification" in the IARC Guidelines Resolution IARC/26/04/01  
\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Small, 2008, SR/COP(08/45)  
\*\*\*Regulation EU/MR 2017/2103 of the European Parliament and of the Council of 20 November 2017 on the  
Classification, Labelling and Packaging of Substances and Mixtures (CLP Regulation), concerning the classification  
and labelling of PBOs above 10 mg/kg by weight when it occurs in mixtures or in preparations or concentrations of PBOs in semi-finished products or articles, or parts thereof, which is equal to or  
above than 0.1% by weight calculated with reference to the mass of (structurally or functionally) distinct parts that contain PBOs or their toxic or other harmful material.

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copyright law.

Company name	Address
ZHOUSHAN KANGERMAN SHIP SERVICE CO.,LTD.	255 SANBA RD JIOTOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China

Contact person	Telephone number
Kangerman@kangermann.com Multi-SDoc-683039	

## INVENTORY OF HAZARDOUS MATERIALS

<Supplier (responsible) information>	
Company name	ZHOUSHAN WANGERMAN SHIP SERVICE CO.,LTD.
Address	255 SANBA RD JAOTOU ZHOUSHAN ZHEJIANG PROVINCE, ZHOUSHAN, China
Contact person	Kemink, T.
Telephone number	+86 570 222220
Fax number	
E-mail address	Kemink@wangerman.com
VINIC ID no.	MUH-S5D0C-663099

## &lt;Product information&gt;

Product name	Product number	Amount	Delivered unit	Unit	Product information
AUXILIARY GEAR FIBRACATE	BIG-198/2021E/252220	1	kg	kg	

<Material information>  
This material information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Antiseptics		no threshold level	No	No	
Polychlorinated biphenyls (PCBs)		no threshold level	No	No	
Chlorofluorocarbons (CFCs)		no threshold level	No	No	
Halons		no threshold level	No	No	
Other fully halogenated CFCs		no threshold level	No	No	
Carbon tetrachloride		no threshold level	No	No	
1,1,1-Trichloroethane		no threshold level	No	No	
Hydrochlorofluorocarbons		no threshold level	No	No	
Hydrofluorofluorocarbons		no threshold level	No	No	
Methyl bromide		no threshold level	No	No	
Bromochloromethane		no threshold level	No	No	
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total	mg/kg	No	No	
Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Cadmium and cadmium compounds		no threshold level	No	No	
Hexavalent chromium and hexavalent thorium compounds	100 mg/kg	mg/kg	No	No	
Lead and lead compounds	1 g/kg	mg/kg	No	No	
Mercury and mercury compounds	1 g/kg	mg/kg	No	No	
Polybrominated biphenyl (PBBs)	1 g/kg	mg/kg	No	No	
Polybrominated diphenyl ethers (PBDEs)	1 g/kg	mg/kg	No	No	
Polychlorobiphenyls (Cl >= 3)	no threshold level	mg/kg	No	No	
Radioactive substances	no threshold level	mg/kg	No	No	
Certain short-chain chlorinated paraffins	10 g/kg	mg/kg	No	No	
Brominated Flame Retardant (HBCDD)	10 mg/kg ***	mg/kg	No	No	

## Annex II\*\*\* (Additional materials)

\*Please refer to Article 10 of the 'Form of Material Declaration' in the IASO Guidelines Report on MEPC.269(68), "Hong Kong International Convention for the Safe and Environmentally Sound Recycling and Disposing Regulation" (EU No 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and Disposing Regulation) EC No 1072/2006 and Directive 2008/10/EC, EU(EG)'s first Practice Guidance on the inventory of Hazardous Materials dated 2016-10-28

\*\*Concentrations of PBOs amount to more than 0.001% by weight calculated with reference to the mass of structurally or functionally distinct parts that contain PBOs or their salts or other coated materials, if the amount of PBOs is equal to or above than 1 mg/m<sup>2</sup> of the coated material.

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## INVENTORY OF HAZARDOUS MATERIALS

<Date of Declaration>	
Date	2024-06-10
<MO ID number>	
MO ID No.	MD-162221
<Other information>	
Remark 1	
Remark 2	
Remark 3	

## &lt;Product Information&gt;

Product name	Product number	Amount	Delivered unit	Unit	Product information
LIMIT SWITCH 1	01G-198/2023E/762221	2		pcx	

<Material information>  
This material information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Asbestos		No threshold level	No	No	
Polychlorinated biphenyls(PICBs)		No threshold level	No	No	
Chlorofluorocarbons(CFCs)		No threshold level	No	No	
Halons		No threshold level	No	No	
Other fully halogenated CFCs		No threshold level	No	No	
Carbon tetrachloride		No threshold level	No	No	
1,1,1-Trichloroethane		No threshold level	No	No	
Hydrochlorofluorocarbons		No threshold level	No	No	
Hydrochlorofluorocarbons		No threshold level	No	No	
Methyl bromide		No threshold level	No	No	
Bromochlorofluoromethane		No threshold level	No	No	
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total	No	No	

Table	Material name	Threshold level	Present above threshold level	If yes, material mass	If yes, information on where it is used
Cadmium and cadmium compounds		100 mg/kg	No	No	
Hexavalent chromium and hexavalent chromium compounds		1 mg/kg	No	No	
Lead and lead compounds		1 mg/kg	No	No	
Mercury and mercury compounds		1 mg/kg	No	No	
Polybrominated biphenyl (PBBs)		1 mg/kg	No	No	
Polybrominated diphenyl ethers (PBDEs)		1 mg/kg	No	No	
Polybromonaphthalenes (Cl > = 3)		no threshold level	No	No	
Radioactive substances		no threshold level	No	No	
Certain shortchain chlorinated paraffins		10 mg/kg	No	No	
Perfluorooctane sulfonic acid (PFOS)		10 mg/kg***	No	No	
Brominated Flame Retardant (HBCDD)		100 mg/kg	No	No	

## Annex II\*\*\* (Additional materials)

\*Please refer to Article 16 on the "Form of Material Declaration" in the IARC Decision Resolution MEPC.2/Circ.68.

\*\*Hong Kong International Conference for the Safe and Environmentally Sound Recycling of Ships, 2009 / SUCONN/4/51.

\*\*\*Regulation EU No 127/2013 of the European Parliament and of the Council of 20 November 2013 on Classification, Packaging and Labelling of Substances and Mixtures (Classification, packaging and labelling of dangerous substances and mixtures) (hereinafter referred to as "CLP Regulation").

\*\*\*\*Concentrations of PBDEs above 10 mg/kg (by weight) without regard to substances or 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 functionally distinct parts that contain PBDEs or, for textiles or other coated materials, if the amount of PBDEs is equal to or above than 1 mg/kg of the coated material.

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#### INVENTORY OF HAZARDOUS MATERIALS

## INVENTORY OF HAZARDOUS MATERIALS

Material Declaration					
<Supplier (respondent) information>					
Division name	SHIP SERVICE CO.,LTD.				
Address	255 SANBA RD, JIAOTOU, ZHOUSHAN, ZHEJIANG, CHINA				
Contact person	Kangerman				
Telephone number	+86 570 2222222				
Fax number					
E-mail address	kangerman@kangerman.com				
SDIC ID: No.	Multi-SDoC-663899				

## &lt;Product information&gt;

Product name	Product number	Amount	Delivery unit	Unit	Product information
LIGHT	BIG-198/2023/162223	4	kg	PCB	

<Material information>  
This material information shows the amount of hazardous materials contained in

Table	Material name	Threshold level	Previous above threshold level Yes/No	If yes, material name Please	If yes, information on where it is used
Astbestos		no threshold level	No		
Polychlorinated biphenyls (PCBs)		no threshold level	No		
Chlorofluorocarbons (CFCs)		no threshold level	No		
Halons		no threshold level	No		
Other fully halogenated CFCs		no threshold level	No		
Carbon tetrachloride		no threshold level	No		
Oxon depicting substance		no threshold level	No		
1,1,1-Trichloroethane		no threshold level	No		
Hydrochlorofluorocarbons		no threshold level	No		
Hydrochlorofluorocarbons		no threshold level	No		
Methyl bromide		no threshold level	No		
Bromochloromethane		no threshold level	No		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	no threshold level	No		

Table	Material name	Threshold level	Previous above threshold level Yes/No	If yes, material name Please	If yes, information on where it is used
Cadmium and cadmium compounds		100 mg/kg	No		
Hexavalent chromium and hexavalent chromium compounds	1 g/kg	No			
Lead and lead compounds	1 g/kg	No			
Mercury and mercury compounds	1 g/kg	No			
Polychlorinated biphenyls (PCBs)	1 g/kg	No			
Polybrominated diphenyl ethers (PBDEs)	1 g/kg	No			
Polychloroparaphthalenes (Cl > = 3)	no threshold level	No			
Radiactive substances	no threshold level	No			
Certain short-chain chlorinated paraffins	10 g/kg	No			
Perfluoroctane sulfonic acid (FOS)	10 mg/kg *** 100 mg/kg	No			

## Annex II\*\*\* (Additional materials)

## Brominated Flame Retardant (HBCDD)

\*Please refer to footnote 18 on the Form of Material Declaration in the IED Guidelines Regulation (EU) 2019/2088.

\*\*Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships 2009 (S.R.C.O.W.F.A.) Practice Guidance on the Inventory of Hazardous Materials, dated 20-01-2018.

\*\*\*Concentrations of PBDEs above 10 mg/kg (DOPDEs by weight) unless it occurs in substances or in preparations at concentrations of PBDEs in pure 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 mono-molecularly distinct parts that contain PBDEs, or for certain other related materials, if the amount of PBDEs is equal to or above than 1 mg/kg of the treated material.

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