

Test Report No. 68.401.26.1330.01C
Rev. 00
Dated 2026-05-12

Applicant: 深圳市万源轴承有限公司

Address: 深圳市龙岗区百旺达健康科技产业园3栋301

Sample Description: 轴承

Tested Model No.: 轴承

Ref. Model No.: Refer to APPENDIX III

Supplier: 深圳市万源轴承有限公司

Sample Received Date: 2026-04-23

Test Period: From 2026-04-23 to 2026-05-07

Location of Testing: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Purpose of examination: REACH Regulation (EC) No. 1907/2006
- 253 Substances of Very High Concern (SVHC) analysis based on the Candidate List published by the European Chemicals Agency (ECHA)

Test Result: Refer to following page(s)

Remark: - The result relates only to the items tested.
- The reference model(s) was declared by client.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

Prepared by:



Sophie Fu
Project Handler



Reviewed by:



Scarlett Liang
Designated Reviewer

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Disclaimer Measurement Uncertainty: Unless otherwise agreed upon, pass or fail verdicts are given based on the measured values without consideration of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as pass or fail.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group
Building 12 & 13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District,
Shenzhen, Guangdong 518052 China

Tel.: (86) 755 88286998
Fax: (86) 755 88285299



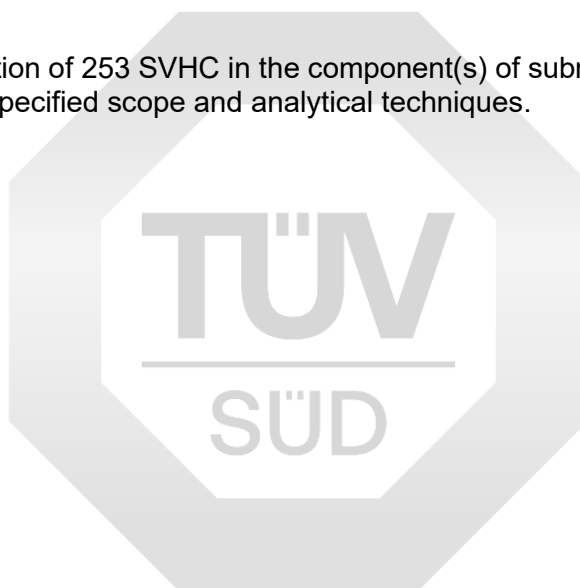
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SUMMARY OF TEST RESULTS

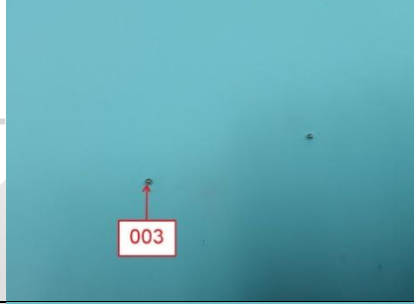
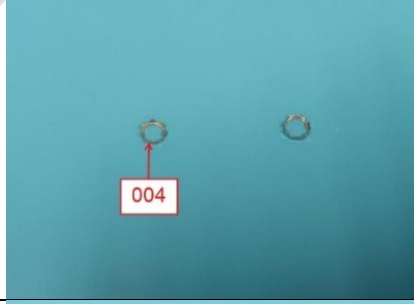
No.	Test Requested	Conclusion	Remarks
REACH Regulation (EC) No. 1907/2006 – 253 Substances of Very High Concern (SVHC) analysis based on the Candidate List published by the European Chemicals Agency (ECHA) in the component(s) of submitted product(s).			
1.	Each applicable items of 253 substances of very high concern (SVHCs)	< 0.1 % (w/w)	

Note:

- The concentration of 253 SVHC in the component(s) of submitted product(s) is based on the specified scope and analytical techniques.



1. TESTED SUBJECT DESCRIPTION

Test No.	Sample No.	Tested Material Description	Photo
T1	001	Silvery metal (内圈)	
T2	002	Silvery metal (盖子)	
T3	003	Silvery metal ball	
T4	004	Silvery metal (保持架)	
T5	005	Silvery metal (外圈)	

2. TEST RESULTS

2.1. 253 SUBSTANCES OF VERY HIGH CONCERN (SVHCs) CONTENT TEST

Test method: Screening test. [Reporting limit: 0.010%]

For organic substance(s) analysis, extracted by organic solvent, followed by using Liquid Chromatography with Tandem Mass Spectrometry Detection (LC-MS/MS), Gas Chromatography and Mass Spectrometry (GC-MS), headspace GC-MS, High Performance Liquid Chromatography-Diode Array Detection (HPLC-DAD) and Gas chromatograph and mass selective detector with chemical ionization (GC-ECNI-MS);

For heavy metal(s) analysis, digested by acid, followed by using Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), Atomic Absorption Spectrometry (AAS) and Ultraviolet-visible spectrophotometer (UV-Vis).

Test Item(s)	Result [%]
	Sample 001+002+003+004+005
Each applicable items of 253 substances of very high concern (SVHCs)*	< 0.010

Note:

- “%” denotes percent by weight
- “*” refer to APPENDIX I for detailed list of SVHCs

APPENDIX I - 253 SUBSTANCES OF VERY HIGH CONCERN (SVHCs)

1. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN OCTOBER 2008 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
1	Anthracene [§]	120-12-7	204-371-1
2	4,4'- Diaminodiphenylmethane (MDA) [§]	101-77-9	202-974-4
3	Dibutyl phthalate (DBP) [§]	84-74-2	201-557-4
4	Cobalt dichloride*	7646-79-9	231-589-4
5	Diarsenic pentaoxide*	1303-28-2	215-116-9
6	Diarsenic trioxide*	1327-53-3	215-481-4
7	Sodium dichromate*	7789-12-0 and 10588-01-9	234-190-3
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) [§]	81-15-2	201-329-4
9	Bis (2-ethylhexyl) phthalate (DEHP) [§]	117-81-7	204-211-0
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-HBCDD, Beta-HBCDD, Gamma-HBCDD [§]	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4 and 221-695-9
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP) [§]	85535-84-8	287-476-5
12	Bis(tributyltin)oxide (TBTO)* [§]	56-35-9	200-268-0
13	Lead hydrogen arsenate*	7784-40-9	232-064-2
14	Benzyl butyl phthalate (BBP) [§]	85-68-7	201-622-7
15	Triethyl arsenate*	15606-95-8	427-700-2

2. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2010 AND MARCH 2010 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
16	Anthracene oil ^{#§}	90640-80-5	292-602-7
17	Anthracene oil, anthracene paste, distn. lights ^{#§}	91995-17-4	295-278-5
18	Anthracene oil, anthracene paste, anthracene fraction ^{#§}	91995-15-2	295-275-9
19	Anthracene oil, anthracene-low ^{#§}	90640-82-7	292-604-8
20	Anthracene oil, anthracene paste ^{#§}	90640-81-6	292-603-2
21	Pitch, coal tar, high temp ^{#§}	65996-93-2	266-028-2
22	2,4-Dinitrotoluene [§]	121-14-2	204-450-0
23	Diisobutyl phthalate (DIBP) [§]	84-69-5	201-553-2
24	Tris(2-chloroethyl)phosphate [§]	115-96-8	204-118-5
25	Lead chromate*	7758-97-6	231-846-0
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	215-693-7
27	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	235-759-9
28	Acrylamide [§]	79-06-1	201-173-7

3. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2010 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
29	Trichloroethylene [§]	79-01-6	201-167-4
30	Boric acid*	10043-35-3 11113-50-1	233-139-2 234-343-4
31	Disodium tetraborate, anhydrous*	1330-43-4 12179-04-3 1303-96-4	215-540-4
32	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3
33	Sodium chromate*	7775-11-3	231-889-5
34	Potassium chromate*	7789-00-6	232-140-5
35	Ammonium dichromate*	7789-9-5	232-143-1
36	Potassium dichromate*	7778-50-9	231-906-6

4. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2010 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
37	Cobalt(II) sulphate*	10124-43-3	233-334-2
38	Cobalt(II) dinitrate*	10141-05-6	233-402-1
39	Cobalt(II) carbonate*	513-79-1	208-169-4
40	Cobalt(II) diacetate*	71-48-7	200-755-8
41	2-Methoxyethanol [§]	109-86-4	203-713-7
42	2-Ethoxyethanol [§]	110-80-5	203-804-1
43	Chromium trioxide*	1333-82-0	215-607-8
44	Acids generated from chromium trioxide and their oligomers*	7738-94-5 13530-68-2 not yet assigned	231-801-5 236-881-5 not yet assigned

5. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2011 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
45	2-Ethoxyethyl acetate (2-EEA) [§]	111-15-9	203-839-2
46	Strontium chromate*	7789-06-2	232-142-6
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) [§]	68515-42-4	271-084-6
48	Hydrazine [§]	7803-57-8, 302-01-2	206-114-9
49	1-Methyl-2-pyrrolidone [§]	872-50-4	212-828-1
50	1,2,3-Trichloropropane [§]	96-18-4	202-486-1
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) [§]	71888-89-6	276-158-1

6. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2011 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
52	1,2-Dichloroethane [§]	107-06-2	203-458-1
53	2,2'-Dichloro-4,4'-methylenedianiline (MOCA) [§]	101-14-4	202-918-9
54	2-Methoxyaniline, o-Anisidine [§]	90-04-0	201-963-1
55	4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol) [§]	140-66-9	205-426-2
56	Aluminosilicate Refractory Ceramic Fibres (RCF) [§]	--	---
57	Arsenic acid*	7778-39-4	231-901-9
58	Bis(2-methoxyethyl) ether [§]	111-96-6	203-924-4
59	Bis(2-methoxyethyl) phthalate [§]	117-82-8	204-212-6
60	Calcium arsenate*	7778-44-1	231-904-5
61	Dichromium tris(chromate) *	24613-89-6	246-356-2
62	Formaldehyde, oligomeric reaction products with aniline (technical MDA) ^{#§}	25214-70-4	500-036-1
63	Lead diazide*	13424-46-9	236-542-1
64	Lead dipicrate*	6477-64-1	229-335-2
65	Lead styphnate*	15245-44-0	239-290-0
66	N,N-dimethylacetamide (DMAC) [§]	127-19-5	204-826-4
67	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0
68	Phenolphthalein [§]	77-09-8	201-004-7
69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8
70	Trilead diarsenate*	3687-31-8	222-979-5
71	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) *	--	---

7. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2012 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) [§]	112-49-2	203-977-3
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) [§]	110-71-4	203-794-9
74	Diboron trioxide*	1303-86-2	215-125-8
75	Formamide [§]	75-12-7	200-842-0
76	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC) [§]	2451-62-9	219-514-3
78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC) [§]	59653-74-6	423-400-0
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone) [§]	90-94-8	202-027-5
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) [§]	101-61-1	202-959-2
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] [§]	2580-56-5	219-943-6
82	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] [§]	548-62-9	208-953-6
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] [§]	561-41-1	209-218-2
84	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] [§]	6786-83-0	229-851-8

8. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2012 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
85	Bis(pentabromophenyl) ether (DecaBDE) [§]	1163-19-5	214-604-9
86	Pentacosafuorotridecanoic acid [§]	72629-94-8	276-745-2
87	Tricosafuorododecanoic acid [§]	307-55-1	206-203-2
88	Henicosafuoroundecanoic acid [§]	2058-94-8	218-165-4
89	Heptacosafuorotetradecanoic acid [§]	376-06-7	206-803-4
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated ^{#§}	-	-
91	4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol ^{#§}	-	-
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) [§]	123-77-3	204-650-8
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) [§]	85-42-7	-
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride [§]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1
95	Methoxy acetic acid [§]	625-45-6	210-894-6
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear [§]	84777-06-0	284-032-2
97	Diisopentylphthalate (DIPP) [§]	605-50-5	210-088-4
98	N-pentyl-isopentylphthalate [§]	776297-69-9	-
99	1,2-Diethoxyethane [§]	629-14-1	211-076-1
100	N,N-dimethylformamide; dimethyl formamide [§]	68-12-2	200-679-5
101	Dibutyltin dichloride (DBT) [§]	683-18-1	211-670-0
102	Acetic acid, lead salt, basic*	51404-69-4	257-175-3
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)*	1319-46-6	215-290-6
104	Lead oxide sulfate (basic lead sulfate)*	12036-76-9	234-853-7
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	69011-06-9	273-688-5
106	Dioxobis(stearato)trilead*	12578-12-0	235-702-8
107	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7
108	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0
109	Lead cyanamate*	20837-86-9	244-073-9
110	Lead dinitrate*	10099-74-8	233-245-9
111	Lead oxide (lead monoxide)*	1317-36-8	215-267-0
112	Lead tetroxide (orange lead)*	1314-41-6	215-235-6
113	Lead titanium trioxide*	12060-00-3	235-038-9
114	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4

No.	Substance Name	CAS NO.	EC NO.
115	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7
116	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1
117	Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5
118	Silicic acid, lead salt*	11120-22-2	234-363-3
119	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1
120	Tetraethyllead*	78-00-2	201-075-4
121	Tetralead trioxide sulphate*	12202-17-4	235-380-9
122	Trilead dioxide phosphonate*	12141-20-7	235-252-2
123	Furan [§]	110-00-9	203-727-3
124	Propylene oxide; 1,2-epoxypropane; methyloxirane [§]	75-56-9	200-879-2
125	Diethyl sulphate [§]	64-67-5	200-589-6
126	Dimethyl sulphate [§]	77-78-1	201-058-1
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine [§]	143860-04-2	421-150-7
128	Dinoseb [§]	88-85-7	201-861-7
129	4,4'-methylenedi-o-toluidine [§]	838-88-0	212-658-8
130	4,4'-oxydianiline and its salts [§]	101-80-4	202-977-0
131	4-Aminoazobenzene; 4-Phenylazoaniline [§]	60-09-3	200-453-6
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine) [§]	95-80-7	202-453-1
133	6-methoxy-m-toluidine (p-cresidine) [§]	120-71-8	204-419-1
134	Biphenyl-4-ylamine [§]	92-67-1	202-177-1
135	o-aminoazotoluene [§]	97-56-3	202-591-2
136	o-Toluidine; 2-Aminotoluene [§]	95-53-4	202-429-0
137	N-methylacetamide [§]	79-16-3	201-182-6
138	1-bromopropane; n-propyl bromide [§]	106-94-5	203-445-0

9. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2013 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
139	Cadmium	7440-43-9	231-152-8
140	Cadmium oxide*	1306-19-0	215-146-2
141	Dipentyl phthalate (DPP) [§]	131-18-0	205-017-9
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] [§]	-	-
143	Ammonium pentadecafluorooctanoate (APFO) [§]	3825-26-1	223-320-4
144	Pentadecafluorooctanoic acid (PFOA) [§]	335-67-1	206-379-9

10. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2013 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
145	Cadmium sulphide*	1306-23-6	215-147-8
146	Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) [§]	573-58-0	209-358-4
147	Disodium 4-amino-3-[[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) [§]	1937-37-7	217-710-3
148	Di-n-hexyl phthalate [§]	84-75-3	201-559-5
149	Imidazolidine-2-thione (2-imidazoline-2-thiol) [§]	96-45-7	202-506-9
150	Lead di (acetate)*	301-04-2	206-104-4
151	Trixylyl phosphate [§]	25155-23-1	246-677-8

11. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2014 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
152	1, 2-Benzenedicarboxylic acid, dihexyl ester, branched and linear [§]	68515-50-4	271-093-5
153	Cadmium chloride*	10108-64-2	233-296-7
154	Sodium perborate, perboric acid, sodium salt*	--	239-172-9, 234-390-0
155	Sodium peroxometaborate*	7632-04-4	231-556-4

12. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2014 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
156	Cadmium fluoride*	7790-79-6	232-222-0
157	Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) [§]	3846-71-7	223-346-6
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) [§]	25973-55-1	247-384-8
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) [§]	15571-58-1	239-622-4
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) [§]	--	--

13. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2015 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5) [§]	68515-51-5 68648-93-1	271-094-0 272-013-1
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof] [§]	--	--

14. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2015 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
164	1,3-propanesultone [§]	1120-71-4	214-317-9
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) [§]	3864-99-1	223-383-8
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) [§]	36437-37-3	253-037-1
167	Nitrobenzene [§]	98-95-3	202-716-0
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts [§]	375-95-1; 21049-39-8; 4149-60-4	206-801-3

15. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2016 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
169	Benzo[def]chrysene (Benzo[a]pyrene) [§]	50-32-8	200-028-5

16. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2017 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
170	4,4'-isopropylidenediphenol (bisphenol A; BPA) [§]	80-05-7	201-245-8
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts [§]	335-76-2, 3830-45-3, 3108-42-7	206-400-3, 221-470-5
172	p-(1,1-dimethylpropyl)phenol [§]	80-46-6	201-280-9
173	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] [§]	-	-

17. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JULY 2017 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS) [§]	-	-

18. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2018 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof] [§]	-	-
176	Benz[a]anthracene [§]	200-280-6	56-55-3
177	Cadmium nitrate*	233-710-6	10325-94-7
178	Cadmium carbonate*	208-168-9	513-78-0
179	Cadmium hydroxide*	244-168-5	21041-95-2
180	Chrysene [§]	205-923-4	218-01-9
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear] [§]	-	-

19. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2018 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
182	Octamethylcyclotetrasiloxane (D4) [§]	556-67-2	209-136-7
183	Decamethylcyclopentasiloxane (D5) [§]	541-02-6	208-764-9
184	Dodecamethylcyclohexasiloxane (D6) [§]	540-97-6	208-762-8
185	Lead	7439-92-1	231-100-4
186	Disodium octaborate*	12008-41-2	234-541-0
187	Benzo[ghi]perylene [§]	191-24-2	205-883-8
188	Terphenyl hydrogenated [§]	61788-32-7	262-967-7
189	Ethylenediamine [§]	107-15-3	203-468-6
190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA) [§]	552-30-7	209-008-0
191	Dicyclohexyl phthalate (DCHP) [§]	84-61-7	201-545-9

20. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2019 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane [§]	6807-17-6	401-720-1
193	Benzo[k]fluoranthene [§]	207-08-9	205-916-6
194	Fluoranthene [§]	206-44-0	205-912-4
195	Phenanthrene [§]	85-01-8	201-581-5
196	Pyrene [§]	129-00-0	204-927-3
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2,2,1]heptan-2-one [§]	15087-24-8	239-139-9

21. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JULY 2019 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
198	2,3,3,3-tetrafluoro-2(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) [§]	-	-
199	2-methoxyethyl acetate [§]	110-49-6	203-772-9
200	Tris(4-nonylphenyl, branched and linear) phosphite [§]	-	-
201	4-tert-butylphenol (PTBP) [§]	98-54-4	202-679-0

22. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2020 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
202	2-benzyl-2-dimethylamino-4'morpholinobutyrophenone [§]	119313-12-1	404-360-3
203	2-methyl-1-(4-methylthiophenyl)-2morpholinopropan-1-one [§]	71868-10-5	400-600-6
204	Diisohexyl phthalate [§]	71850-09-4	276-090-2
205	Perfluorobutane sulfonic acid (PFBS) and its salts [§]	-	-

23. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2020 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
206	1-vinylimidazole [§]	1072-63-5	214-012-0
207	2-methylimidazole [§]	693-98-1	211-765-7
208	Butyl 4-hydroxybenzoate (Butylparaben) [§]	94-26-8	202-318-7
209	Dibutylbis(pentane-2,4-dionato-O,O')tin*	22673-19-4	245-152-0

24. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2021 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
210	Bis(2-(2-methoxyethoxy)ethyl) ether [§]	143-24-8	205-594-7
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety [§]	-	-

25. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JULY 2021 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
212	1,4-dioxane [§]	123-91-1	204-661-8
213	2,2-bis(bromomethyl)propane 1,3-diol (BMP), 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA), 2,3-dibromo-1-propanol (2,3-DBPA) [§]	3296-90-0, 36483-57-5/1522-92-5, 96-13-9	221-967-7, 253-057-0, 202-480-9
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers [§]	-	-
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B) [§]	77-40-7	201-025-1
216	Glutaral [§]	111-30-8	203-856-5
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17] [§]	-	-
218	Orthoboric acid, sodium salt*	13840-56-7	237-560-2
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) [§]	-	-

26. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2022 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) [§]	-	-
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) [§]	119-47-1	204-327-1
222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate [§]	255881-94-8	401-850-9
223	Tris(2-methoxyethoxy)vinylsilane [§]	1067-53-4	213-934-0

27. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2022 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
224	N-(hydroxymethyl)acrylamide [§]	924-42-5	213-103-2

28. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2023 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] (BTBPE) [§]	37853-59-1	253-692-3
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA) [§]	79-94-7	201-236-9
227	4,4'-sulphonyldiphenol (BPS) [§]	80-09-1	201-250-5
228	Barium diboron tetraoxide*	13701-59-2	237-222-4
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH) [§]	-	-
230	Isobutyl 4-hydroxybenzoate [§]	4247-02-3	224-208-8
231	Melamine [§]	108-78-1	203-615-4
232	Perfluoroheptanoic acid (PFHpA) and its salts [§]	-	-
233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine [§]	-	473-390-7

29. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2023 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
234	Bis(4-chlorophenyl) sulphone (BCPS) [§]	80-07-9	201-247-9
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide [§]	75980-60-8	278-355-8

30. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2024 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
236	2,4,6-tri-tert-butylphenol (2,4,6-TTBP) [§]	732-26-3	211-989-5
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol [§]	3147-75-9	221-573-5
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one [§]	119344-86-4	438-340-0
239	Bumetrizole (UV-326) [§]	3896-11-5	223-445-4
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP) [§]	-	700-960-7

31. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2024 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
241	Bis(α,α-dimethylbenzyl) peroxide [§]	80-43-3	201-279-3

32. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN NOVEMBER 2024 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
242	Triphenyl phosphate (TPhP) [§]	115-86-6	204-112-2

33. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2025 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid [§]	2156592-54-8	701-118-1
244	O,O,O-triphenyl phosphorothioate [§]	597-82-0	209-909-9
245	Octamethyltrisiloxane [§]	107-51-7	203-497-4
246	Perfluamine [§]	338-83-0	206-420-2
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives [§]	192268-65-8	421-820-9

34. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2025 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
248	1,1,1,3,5,5,5- heptamethyl-3-[(trimethylsilyl) oxy]trisiloxane (M3T) [§]	17928-28-8	241-867-7
249	Decamethyltetrasiloxane (L4) [§]	141-62-8	205-491-7
250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-{2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl)amino}-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazanyl]-5-methoxyphenyl)diazanyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51) [§]	-	466-490-7

35. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN NOVEMBER 2025 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE) [§]	84852-53-9	284-366-9

36. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN FEBRUARY 2026 BY ECHA

No.	Substance Name	CAS NO.	EC NO.
252	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (BPAF) and its salts [§]	-	-
253	n-hexane [§]	110-54-3	203-777-6

Note:

- “*” denotes the concentration of substance cannot be determined directly but be converted from the concentration of specific heavy metal(s).
- “#” denotes the substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.
- “§” denotes not applicable for metallic/ceramic/glass materials.
- As per article 33 of the REACH regulation (EC No. 1907/2006), recipients of product must be provided with information of safe use if any of the tested substances exceeded 0.1% (w/w).

APPENDIX II

1. According to the Article 33 of the Regulation (EC) No 1907/2006(REACH)-Duty to communicate information on substances in articles.

—Any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a Result above 0.1% weight by weight(w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

—On request by a consumer any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a Result above 0.1% weight by weight(w/w) shall provide the consumer with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance. The relevant information shall be provided, free of charge, within 45 days of receipt of the request.

2. According to the Article 33 of the Regulation (EC) No 1907/2006(REACH)-Notification of the Substance in Article.

—If a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), EU and EEA producers or importers of articles have to notify ECHA when their article contains a substance on the Candidate List. This obligation applies if the substance is present above 0.1%(w/w) and its quantities in the produced/imported articles are above 1 tonne in total per year.

3. According to the other articles of the Regulation (EC) No 1907/2006(REACH), The relevant obligation for the substance on its own or in preparation.

—OBLIGATIONS: SUBSTANCES

From 28 October 2008, EU&EEA suppliers of a substance have to provide a safety data sheet to their customers when the substance is on the Candidate List.

—OBLIGATIONS: PREPARATIONS

From 28 October 2008, EU&EEA suppliers of a preparation not classified as dangerous according to Directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the preparation contains at least one substance on the Candidate List and its individual Result is at least 0.1%(w/w) for non gaseous preparations and at least 0.2% by volume for gaseous preparations.

APPENDIX III

According to client's declaration, tested material would be produced as relevant product(s):

MR52ZZ, MR62ZZ, MR72ZZ, MR63ZZ, MR83ZZ, MR74ZZ, MR84ZZ, MR104ZZ, MR85ZZ,
MR95ZZ, MR105ZZ, MR115ZZ, MR106ZZ, MR126ZZ, MR117ZZ, MR137ZZ, MR128ZZ,
MR148ZZ, 692ZZ, 683ZZ, 693ZZ, 603ZZ, 623ZZ, 684ZZ, 694ZZ, 604ZZ, 624ZZ, 634ZZ, 685ZZ,
695ZZ, 605ZZ, 625ZZ, 635ZZ, 686ZZ, 696ZZ, 606ZZ, 626ZZ, 636ZZ, 687ZZ, 697ZZ, 607ZZ,
627ZZ, 637ZZ, 688ZZ, 698ZZ, 6810ZZ, 681XZZ, 691XZZ, 601XZZ, 602ZZ, 603ZZ, 633ZZ,
682ZZ, 692ZZ, 633ZZ, 608ZZ, 628ZZ, 638ZZ, 679ZZ, 689ZZ, 699ZZ, 609ZZ, 629ZZ, 639ZZ

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