



Technical Report No.68.401.18.0727.02
Dated 2018-05-08

Client: Ningbo Kanghong Electrical Appliance Co., Ltd

Address: Zonghan Development Area, 315301 Cixi City, Zhejiang Province,
PEOPLE'S REPUBLIC OF CHINA

Attn.: Liu jinghai

Sample Description: Electric blanket, heating pad, foot warmer

Model No.: TDK(LL*WWW)-1XC, FW210, TH(LL*WWW)-1XC, TX(LL*WWW)-
1X, TDD(LL*WWW)-2DSC, TSK(LL*WWW)-1SC, TYD(LL*WWW)-
D6C, HP210, HBNP210, TNCK(LL*WWW)-NSC

Reference Model No.: See APPENDIX III

Supplier: Ningbo Kanghong Electrical Appliance Co., Ltd

Country of origin: China

Exported to: Europe, United States, Australia, South America, Asia

Sample Received Date: 2018-04-03

Test Period: From 2018-04-03 to 2018-04-11

Test Requested: REACH Regulation (EC) No. 1907/2006
- 181 Substances of Very High Concern (SVHC) analysis based on
the Candidate List published on the European Chemicals Agency
(ECHA) website in October 2008, January 2010, March 2010, June
2010, December 2010, June 2011, December 2011, June 2012,
December 2012, June 2013, December 2013, June 2014,
December 2014, June 2015, December 2015, June 2016, January
2017, July 2017 and January 2018

Test Result: Refer to following page(s)

Summary: According to the specified scope and analytical techniques, the
concentration of each of the 181 SVHC is <0.1% (w/w) in the
component(s) of submitted product(s).

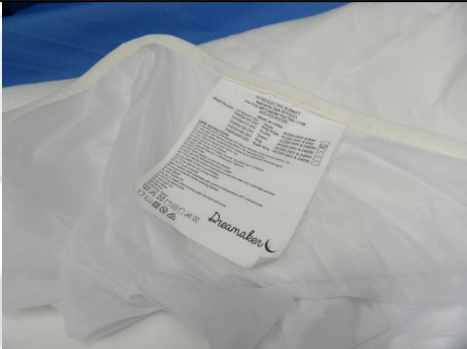
Remark: The result relates only to the items tested.
This report supersedes previous report 68.401.18.0727.01 issued on
2018-05-02.

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.

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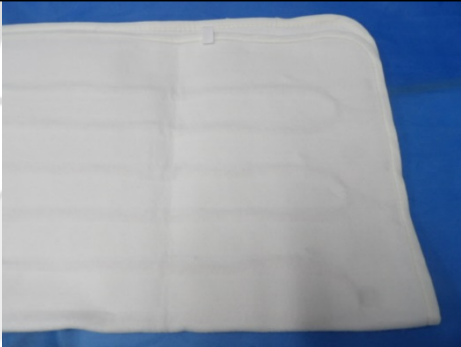
1. TESTED SUBJECT DESCRIPTION

Sample Number	Tested Item Description	Photo
001	White plastic case	
002	White fabric	
003	White fabric	
004	Black printed white fabric	
005	Red fabric	
006	Beige fabric	
007	White plastic	

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Sample Number	Tested Item Description	Photo
008	Beige fabric	
009	Grey fabric	
010	Grey fabric	
011	Brown fabric	
012	Beige fabric	

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Sample Number	Tested Item Description	Photo
013	Red/brown fabric	
014	White fabric	
015	White fabric	
016	White fabric	

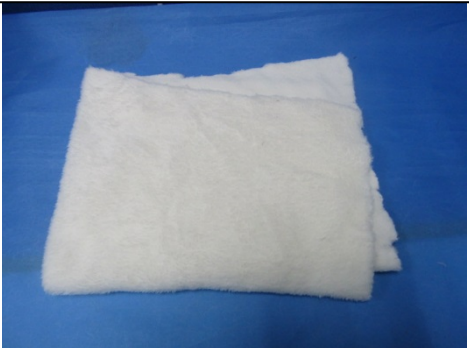
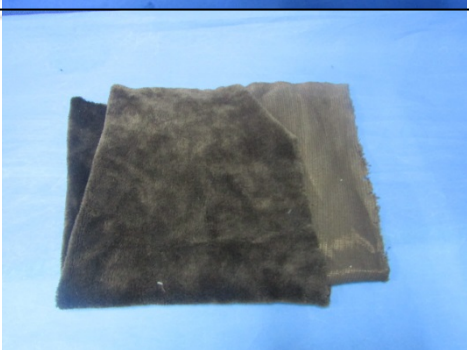
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Sample Number	Tested Item Description	Photo
017	White fabric	
018	Blue fabric	
019	Beige fabric	
020	Beige fabric	

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Sample Number	Tested Item Description	Photo
021	White fabric	
022	Brown fabric	
023	Grey fabric	
024	Dark grey fabric	

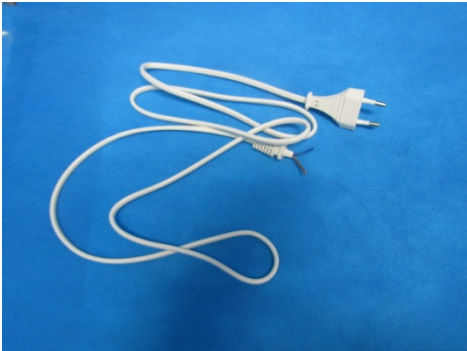
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Sample Number	Tested Item Description	Photo
025	White fabric	
026	White fabric	
027	Brown fabric	
028	Dark grey fabric	

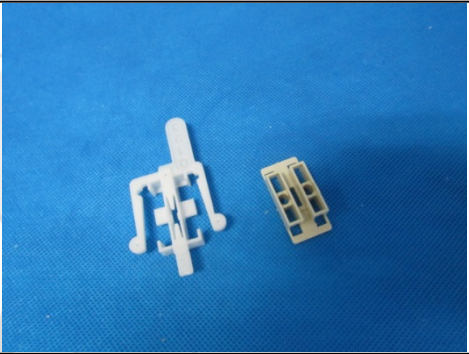
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Sample Number	Tested Item Description	Photo
029	White fabric	
030	White fabric	
031	Grey fabric	
032	Grey fabric	

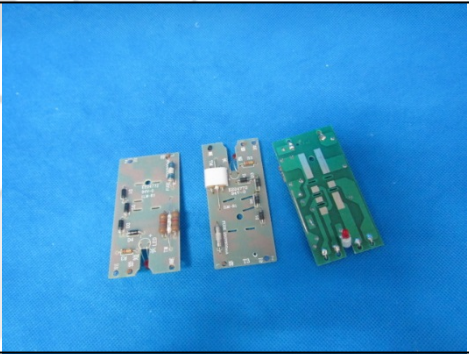
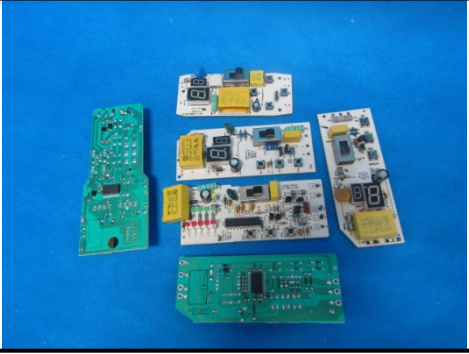
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Sample Number	Tested Item Description	Photo
033	White plastic	
034a	Silvery metal pin	
034b	Black plastic	
034c	White soft plastic plug holder	
034d	Coppery metal	
034e	White soft plastic cable jacket	
034f	White soft plastic bushing	
034g	Blue soft plastic wire jacket	
034h	Black soft plastic wire jacket	
034i	Brown soft plastic wire jacket	
034j	Coppery metal wire	
035a	Silvery metal pin	
035b	Black plastic holder	
035c	White soft plastic plug holder	
035d	White soft plastic cable jacket	
035e	White soft plastic bushing	
035f	Blue soft plastic wire jacket	
035g	Brown soft plastic wire jacket	
035h	Coppery metal wire	
036a	Silvery metal pin	
036b	white plastic holder	
036c	White soft plastic plug holder	
036d	White soft plastic cable jacket	
036e	White soft plastic bushing	
036f	Blue soft plastic wire jacket	
036g	Brown soft plastic wire jacket	
036h	Coppery metal wire	

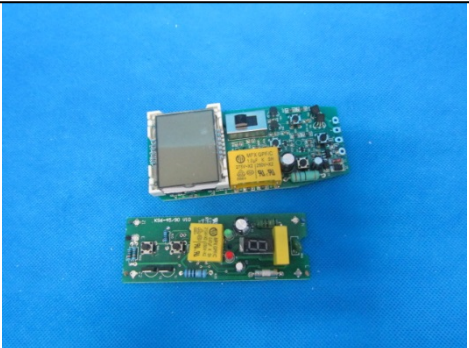
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Sample Number	Tested Item Description	Photo
037a	Silvery metal plug	
037b	White plastic case	
037c	White soft plastic bushing	
037d	White soft plastic cable jacket	
037e	White soft plastic bushing	
037f	Blue soft plastic wire jacket	
037g	Brown soft plastic wire jacket	
037h	Black soft plastic wire jacket	
037i	White soft plastic wire jacket	
037j	Coppery metal wire	
038	White plastic	
039	Beige plastic	
040	White plastic case	
041	White glue	
042	Beige glue	
043	White plastic	
044	White plastic case	

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Sample Number	Tested Item Description	Photo
045	Transparent black plastic screen	
046	Grey plastic	
047	Transparent plastic	
048	Multi color printed transparent plastic	
049	White soft plastic cable jacket	
050	Transparent soft plastic with white fabric	
051	Coppery metal wire	
052	PCB+EC	
053	PCB+EC	

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Sample Number	Tested Item Description	Photo
054	PCB+EC	
055	Silvery metal plate	
056	Silvery metal screw	
057	Black metal spring	
058	Silvery metal ball	

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2. TEST RESULTS

Test method: Screening test, analyzed based on Liquid Chromatography Mass Spectrometry (LC-MS), Gas Chromatography and Mass Spectrometry (GC-MS), headspace GC-MS, Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), UV-Vis spectrophotometer and X-Ray Fluorescence Spectrometer (XRF). [Reporting limit: 0.01%]

Test Item(s)	Result [%]	
	Sample 001+033+038+039+040+ 043+044	Sample 002+003+004+005+006+ 007+008+009+010+011
Each of 181 substances of very high concern (SVHCs)*	< 0.01	< 0.01

Test Item(s)	Result [%]	
	Sample 012+013+014+015+016+ 017+018+019+020+021	Sample 022+023+024+025+026+ 027+028+029+030
Each of 181 substances of very high concern (SVHCs)*	< 0.01	< 0.01

Test Item(s)	Result [%]	
	Sample 031+032	Sample 034
Each of 181 substances of very high concern (SVHCs)*	< 0.01	< 0.01

Test Item(s)	Result [%]	
	Sample 035	Sample 036
Each of 181 substances of very high concern (SVHCs)*	< 0.01	< 0.01

Note:

- “%” denotes percent by weight
- “<” denotes less than
- “*” refer to APPENDIX I for detailed list of SVHCs
- As per article 33 of the REACH regulation (EC No. 1907/2006), recipients of article must be provided with information of safe use if any of the tested substances exceeded 0.1% (w/w).

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(Continued)

Test Item(s)	Result [%]	
	Sample 037	Sample 041+042
Each of 181 substances of very high concern (SVHCs)*	< 0.01	< 0.01

Test Item(s)	Result [%]	
	Sample 045+046+047+048	Sample 049+050
Each of 181 substances of very high concern (SVHCs)*	< 0.01	< 0.01

Test Item(s)	Result [%]	
	Sample 051+055+056+057+058	Sample 052
N,N-dimethylformamide; dimethyl formamide (CAS No. 68-12-2)	< 0.01	0.045
Other substances of very high concern (SVHCs)*	< 0.01	< 0.01

Note:

- “%” denotes percent by weight
- “<” denotes less than
- “*” refer to APPENDIX I for detailed list of SVHCs
- As per article 33 of the REACH regulation (EC No. 1907/2006), recipients of article must be provided with information of safe use if any of the tested substances exceeded 0.1% (w/w).

(Continued)

Test Item(s)	Result [%]	
	Sample 053	Sample 054
N,N-dimethylformamide; dimethyl formamide (CAS No. 68-12-2)	< 0.01	0.014
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	0.012	< 0.01
Other substances of very high concern (SVHCs)*	< 0.01	< 0.01

Note:

- “%” denotes percent by weight
- “<” denotes less than
- “*” refer to APPENDIX I for detailed list of SVHCs
- As per article 33 of the REACH regulation (EC No. 1907/2006), recipients of article must be provided with information of safe use if any of the tested substances exceeded 0.1% (w/w).

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



Sean Shen
Project Handler



Reviewed by:



Scarlett Liang
Designated Reviewer

APPENDIX I - 181 SUBSTANCES OF VERY HIGH CONCERN (SVHCs)

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

Substance Name	CAS NO.	EC NO.
Anthracene	120-12-7	204-371-1
4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4
Dibutyl phthalate (DBP)	84-74-2	201-557-4
Cobalt dichloride*	7646-79-9	231-589-4
Diarsenic pentaoxide*	1303-28-2	215-116-9
Diarsenic trioxide*	1327-53-3	215-481-4
Sodium dichromate*	7789-12-0 and 10588-01-9	234-190-3
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0
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
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5
Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0
Lead hydrogen arsenate*	7784-40-9	232-064-2
Benzyl butyl phthalate (BBP)	85-68-7	201-622-7
Triethyl arsenate*	15606-95-8	427-700-2

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

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

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

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

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

Substance Name	CAS NO.	EC NO.
Cobalt(II) sulphate*	10124-43-3	233-334-2
Cobalt(II) dinitrate*	10141-05-6	233-402-1
Cobalt(II) carbonate*	513-79-1	208-169-4
Cobalt(II) diacetate*	71-48-7	200-755-8
2-Methoxyethanol	109-86-4	203-713-7
2-Ethoxyethanol	110-80-5	203-804-1
Chromium trioxide*	1333-82-0	215-607-8
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

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

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

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

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

Substance Name	CAS NO.	EC NO.
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9
Diboron trioxide*	1303-86-2	215-125-8
Formamide	75-12-7	200-842-0
Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3
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
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2
[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
[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
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
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

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

Substance Name	CAS NO.	EC NO.
Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9
Pentacosafuorotridecanoic acid	72629-94-8	276-745-2
Tricosafuorododecanoic acid	307-55-1	206-203-2
Henicosafuoroundecanoic acid	2058-94-8	218-165-4
Heptacosafuorotetradecanoic acid	376-06-7	206-803-4
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated§	-	-
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§	-	-
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8
Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	
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
Methoxy acetic acid	625-45-6	210-894-6
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2
Diisopentylphthalate (DIPP)	605-50-5	210-088-4
N-pentyl-isopentylphthalate	776297-69-9	-
1,2-Diethoxyethane	629-14-1	211-076-1
N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5
Dibutyltin dichloride (DBT)	683-18-1	211-670-0
Acetic acid, lead salt, basic*	51404-69-4	257-175-3
Basic lead carbonate (trilead bis(carbonate)dihydroxide)*	1319-46-6	215-290-6
Lead oxide sulfate (basic lead sulfate)*	12036-76-9	234-853-7
[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	69011-06-9	273-688-5
Dioxobis(stearato)trilead*	12578-12-0	235-702-8
Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7
Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0
Lead cyanamate*	20837-86-9	244-073-9
Lead dinitrate*	10099-74-8	233-245-9
Lead oxide (lead monoxide)*	1317-36-8	215-267-0
Lead tetroxide (orange lead)*	1314-41-6	215-235-6
Lead titanium trioxide*	12060-00-3	235-038-9
Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4

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

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

Substance Name	CAS NO.	EC NO.
Cadmium	7440-43-9	231-152-8
Cadmium oxide*	1306-19-0	215-146-2
Dipentyl phthalate (DPP)	131-18-0	205-017-9
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]	-	-
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4
Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-379-9

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

Substance Name	CAS NO.	EC NO.
Cadmium sulphide*	1306-23-6	215-147-8
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
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
Dihexyl phthalate	84-75-3	201-559-5
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9
Lead di (acetate)	301-04-2	206-104-4
Trixylyl phosphate	25155-23-1	246-677-8

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

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

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

Substance Name	CAS NO.	EC NO.
Cadmium fluoride*	7790-79-6	232-222-0
Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4
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

Substance Name	CAS NO.	EC NO.
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1
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	--	--

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

Substance Name	CAS NO.	EC NO.
1,3-propanesultone	1120-71-4	214-317-9
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1
Nitrobenzene	98-95-3	202-716-0
Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-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

Substance Name	CAS NO.	EC NO.
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

Substance Name	CAS NO.	EC NO.
4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2, 3830-45-3, 3108-42-7	206-400-3, 221-470-5
p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9
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

Substance Name	CAS NO.	EC NO.
Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	-

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

Substance Name	CAS NO.	EC NO.
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]	-	-
Benz[a]anthracene	200-280-6	56-55-3
Cadmium nitrate	233-710-6	10325-94-7
Cadmium carbonate	208-168-9	513-78-0
Cadmium hydroxide	244-168-5	21041-95-2
Chrysene	205-923-4	218-01-9
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	-	-

Note:

- “%” denotes percent by weight
- “<” denotes less than
- “*” 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.
- “§” 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.
- 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

Photos of submitted products

	
Electric blanket (TDK(LLL*WWW)-1XC)	Foot warmer (FW210)
	
Electric blanket (TH(LL*WWW)-1XC)	Electric blanket (TX(LL*WWW)-1X)
	
Electric blanket (TDD(LL*WWW)-2DSC)	Electric blanket (TSK(LL*WWW)-1SC)

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Electric blanket (TYD(LLL*WWW)-D6C)	Heating pad (HP210)
	
Heating pad (HBNP210)	Electric blanket (TNCK(LLL*WWW)-NSC)

APPENDIX III

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

TH(LLL*WWW)-1X, TH(LLL*WWW)-1XC, TH(LLL*WWW)-2X, TH(LLL*WWW)-2XC, TX(LLL*WWW)-1X, TX(LLL*WWW)-1XC, TX(LLL*WWW)-2X, TX(LLL*WWW)-2XC, TDK(LLL*WWW)-1X, TDK(LLL*WWW)-1XC, TDK(LLL*WWW)-2X, TDK(LLL*WWW)-2XC, TDK(LLL*WWW)-AXC, TSK(LLL*WWW)-1SC, TH-LLL*WW-1X, TH-LLL*WW-1XC, TH-AAA*BBB-1X, TH-AAA*BBB-1XC, TH-LLL*WWW-1X, TH-LLL*WWW-1XC, THLLL*WWW-1X, THLLL*WWW-1XC, TX120*60-1X, TX120*60-1XC, TX120*107-1X, TX120*107-1XC, TX120*130-1X, TX120*130-1XC, TX150*122-1X, TX150*122-1XC, TSK(LLL*WW)-MSC, TNCK(LLL*WWW)-NSC, TYD(LLL*WWW)-2D6C, TYD(LLL*WWW)-D6C, TYD(LLL*WWW)-2D7C, TYD(LLL*WWW)-D7C, TDD(LLL*WWW)-DSC, TDD(LLL*WWW)-2DSC, TDD(LLL*WWW)-DXC, TDD(LLL*WWW)-2DXC, HSP210, HSBP210, HBNP210, HP210, FW210, TCK(LLL*WWW)-NSC, TCK(LLL*WWW)-2NTC-A, TCK(LLL*WWW)-NTC-B, TCK(LLL*WWW)-2NTC-B, TCK(LLL*WWW)-2NTC-C