

**Report No.:** 326008964f 001

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**Client:** FOXESS CO., LTD.

**Contact Information:** No.939, Jinhai Third Road, New Airport Industry Area, Longwan District,  
Wenzhou, Zhejiang, P.R. China

**Identification/  
Model No(s):** Rechargeable Li-ion Battery System  
EP10 EP11 EK11

**Condition at delivery:** Test item complete and undamaged.

**Sample Receiving date:** 2023-11-09

**Testing Period:** 2023-11-09 to 2024-01-03

**Place of testing:** Chemical laboratory Shanghai

**Test Specification:**

**Test result:**

Customer's requirement:

1. Screening of substances of very high concern (SVHC) subject to the candidate list by European Chemical Agency (ECHA) according to Regulation (EC) No 1907/2006 of REACH and its amendments
- Please refer to result page

**Other information:**

Remark: All data refer to 244548516c 001.

For and on behalf of  
TÜV Rheinland (Shanghai) Co., Ltd.



2024-03-26

Ryan Chen / Section Manager

*Date*

*Name/Position*

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.  
This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.  
"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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**Material List:**

Item: Rechargeable Li-ion Battery System  
 EP10 EP11 EK11

| Material No. | Material        | Color        | Location       |
|--------------|-----------------|--------------|----------------|
| M001         | Metal           | silver       | refer to photo |
| M002         | Metal           | silver       | refer to photo |
| M003         | Metal           | silver       | refer to photo |
| M004         | Foam + adhesive | dark grey    | refer to photo |
| M005         | Coating         | black        | refer to photo |
| M006         | Metal           | silver       | refer to photo |
| M007         | Metal           | silver       | refer to photo |
| M008         | Metal           | silver       | refer to photo |
| M009         | Metal           | silver       | refer to photo |
| M010         | Metal           | silver       | refer to photo |
| M011         | Plastic         | transparent  | refer to photo |
| M012         | Plastic         | black        | refer to photo |
| M013         | Plastic         | black        | refer to photo |
| M014         | Plastic         | white        | refer to photo |
| M015         | Plastic         | light blue   | refer to photo |
| M016         | Plastic         | white/green  | refer to photo |
| M017         | Plastic         | green        | refer to photo |
| M018         | Plastic         | orange       | refer to photo |
| M019         | Plastic         | white/orange | refer to photo |
| M020         | Plastic         | white/blue   | refer to photo |
| M021         | Plastic         | blue         | refer to photo |
| M022         | Plastic         | white/brown  | refer to photo |
| M023         | Plastic         | brown        | refer to photo |
| M024         | Plastic         | yellow/green | refer to photo |
| M025         | Plastic         | yellow       | refer to photo |
| M026         | Metal           | silver       | refer to photo |
| M027         | Metal           | silver       | refer to photo |
| M028         | Metal           | silver       | refer to photo |

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|      |                    |                  |                |
|------|--------------------|------------------|----------------|
| M029 | Coating            | dark grey/silver | refer to photo |
| M030 | Ceramic            | white/black      | refer to photo |
| M031 | Metal              | silver           | refer to photo |
| M032 | Metal              | silver           | refer to photo |
| M033 | Metal              | silver           | refer to photo |
| M034 | Metal              | silver           | refer to photo |
| M035 | Metal              | silver           | refer to photo |
| M036 | Metal              | black            | refer to photo |
| M037 | Metal              | silver           | refer to photo |
| M038 | Metal              | silver           | refer to photo |
| M039 | Metal              | silver           | refer to photo |
| M040 | Metal              | silver           | refer to photo |
| M041 | Metal              | silver           | refer to photo |
| M042 | Metal              | silver           | refer to photo |
| M043 | Metal              | silver           | refer to photo |
| M044 | Metal              | silver           | refer to photo |
| M045 | Metal              | silver           | refer to photo |
| M046 | Metal              | silver/grey      | refer to photo |
| M047 | Metal              | silver           | refer to photo |
| M048 | Metal              | silver           | refer to photo |
| M049 | Metal              | silver           | refer to photo |
| M050 | Metal              | silver           | refer to photo |
| M051 | Plastic            | white            | refer to photo |
| M052 | Plastic            | red              | refer to photo |
| M053 | Plastic            | orange           | refer to photo |
| M054 | Plastic            | black            | refer to photo |
| M055 | Plastic + adhesive | black            | refer to photo |
| M056 | Plastic            | black            | refer to photo |
| M057 | Plastic            | black            | refer to photo |
| M058 | Plastic            | white            | refer to photo |
| M059 | Plastic            | beige            | refer to photo |
| M060 | Plastic            | black            | refer to photo |

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|      |                             |              |                |
|------|-----------------------------|--------------|----------------|
| M061 | Plastic                     | black        | refer to photo |
| M062 | Plastic                     | black        | refer to photo |
| M063 | Plastic                     | orange       | refer to photo |
| M064 | Plastic                     | orange       | refer to photo |
| M065 | Plastic                     | black        | refer to photo |
| M066 | Plastic                     | red          | refer to photo |
| M067 | Plastic                     | black        | refer to photo |
| M068 | Plastic                     | white        | refer to photo |
| M069 | Foam + adhesive             | black        | refer to photo |
| M070 | Solder                      | silver       | refer to photo |
| M071 | Metal                       | silver       | refer to photo |
| M072 | Metal                       | silver/black | refer to photo |
| M073 | Metal                       | copper       | refer to photo |
| M074 | Plastic                     | black        | refer to photo |
| M075 | Plastic                     | white        | refer to photo |
| M076 | Foam + adhesive             | grey         | refer to photo |
| M077 | Glue                        | black        | refer to photo |
| M078 | Metal                       | black        | refer to photo |
| M079 | Metal                       | silver       | refer to photo |
| M080 | Metal                       | silver       | refer to photo |
| M081 | Metal                       | silver       | refer to photo |
| M082 | Metal                       | silver       | refer to photo |
| M083 | Plastic                     | black        | refer to photo |
| M084 | Plastic                     | orange       | refer to photo |
| M085 | Plastic                     | grey         | refer to photo |
| M086 | Plastic                     | black        | refer to photo |
| M087 | Plastic                     | black        | refer to photo |
| M088 | Plastic                     | transparent  | refer to photo |
| M089 | Metal                       | silver       | refer to photo |
| M090 | Metal                       | silver       | refer to photo |
| M091 | Metal                       | silver       | refer to photo |
| M092 | Paper + printing + adhesive | white/black  | refer to photo |

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|      |                    |        |                |
|------|--------------------|--------|----------------|
| M093 | Plastic            | red    | refer to photo |
| M094 | Plastic            | grey   | refer to photo |
| M095 | Plastic            | navy   | refer to photo |
| M096 | Plastic            | black  | refer to photo |
| M097 | Metal              | silver | refer to photo |
| M098 | Metal              | silver | refer to photo |
| M099 | Plastic            | black  | refer to photo |
| M100 | Plastic            | white  | refer to photo |
| M101 | Plastic            | black  | refer to photo |
| M102 | Plastic            | white  | refer to photo |
| M103 | Plastic            | red    | refer to photo |
| M104 | Plastic            | black  | refer to photo |
| M105 | Plastic            | red    | refer to photo |
| M106 | Plastic            | yellow | refer to photo |
| M107 | Plastic            | orange | refer to photo |
| M108 | Plastic            | white  | refer to photo |
| M109 | Plastic            | red    | refer to photo |
| M110 | Plastic            | red    | refer to photo |
| M111 | Plastic            | white  | refer to photo |
| M112 | Plastic            | yellow | refer to photo |
| M113 | Plastic            | green  | refer to photo |
| M114 | Plastic            | white  | refer to photo |
| M115 | Plastic            | green  | refer to photo |
| M116 | Plastic            | purple | refer to photo |
| M117 | Plastic            | blue   | refer to photo |
| M118 | Plastic            | black  | refer to photo |
| M119 | Plastic            | green  | refer to photo |
| M120 | Plastic            | blue   | refer to photo |
| M121 | Plastic            | red    | refer to photo |
| M122 | Plastic + adhesive | black  | refer to photo |
| M123 | Plastic            | black  | refer to photo |
| M124 | Plastic            | black  | refer to photo |

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|      |                             |                 |                |
|------|-----------------------------|-----------------|----------------|
| M125 | Plastic                     | black           | refer to photo |
| M126 | Plastic                     | black           | refer to photo |
| M127 | Plastic                     | black           | refer to photo |
| M128 | Paper + printing + adhesive | white/black     | refer to photo |
| M129 | Electronic components       | black           | refer to photo |
| M130 | Ceramic                     | black/white     | refer to photo |
| M131 | Electronic components       | brown           | refer to photo |
| M132 | Ceramic                     | black/white     | refer to photo |
| M133 | Metal                       | silver          | refer to photo |
| M134 | Metal                       | silver          | refer to photo |
| M135 | PCB board                   | green           | refer to photo |
| M136 | PCB board                   | green           | refer to photo |
| M137 | Electronic components       | white           | refer to photo |
| M138 | Electronic components       | black           | refer to photo |
| M139 | Electronic components       | black           | refer to photo |
| M140 | Electronic components       | brown           | refer to photo |
| M141 | Electronic components       | black           | refer to photo |
| M142 | Solder                      | silver          | refer to photo |
| M143 | Solder                      | silver          | refer to photo |
| M144 | Solder                      | silver          | refer to photo |
| M145 | Metal                       | silver/black    | refer to photo |
| M146 | Glue                        | white           | refer to photo |
| M147 | Electronic components       | black           | refer to photo |
| M148 | Electronic components       | grey            | refer to photo |
| M149 | Electronic components       | black           | refer to photo |
| M150 | Electronic components       | black           | refer to photo |
| M151 | Magnet                      | dark grey       | refer to photo |
| M152 | Electronic components       | brown/red/black | refer to photo |
| M153 | Electronic components       | white           | refer to photo |
| M154 | Electronic components       | black           | refer to photo |
| M155 | Electronic components       | black           | refer to photo |
| M156 | Electronic components       | black           | refer to photo |

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|      |                       |                 |                |
|------|-----------------------|-----------------|----------------|
| M157 | Electronic components | blue            | refer to photo |
| M158 | Electronic components | black           | refer to photo |
| M159 | Electronic components | black           | refer to photo |
| M160 | Electronic components | white           | refer to photo |
| M161 | Electronic components | black/white     | refer to photo |
| M162 | Electronic components | brown           | refer to photo |
| M163 | Electronic components | grey            | refer to photo |
| M164 | Electronic components | blue/black      | refer to photo |
| M165 | Electronic components | black           | refer to photo |
| M166 | Electronic components | white           | refer to photo |
| M167 | Electronic components | grey            | refer to photo |
| M168 | Electronic components | black           | refer to photo |
| M169 | Plastic               | black           | refer to photo |
| M170 | Plastic + adhesive    | yellow          | refer to photo |
| M171 | Metal                 | copper          | refer to photo |
| M172 | Metal                 | copper          | refer to photo |
| M173 | Metal                 | silver          | refer to photo |
| M174 | Metal                 | silver          | refer to photo |
| M175 | Metal                 | copper          | refer to photo |
| M176 | Metal                 | silver          | refer to photo |
| M177 | Electronic components | black           | refer to photo |
| M178 | Electronic components | brown/red/black | refer to photo |
| M179 | Electronic components | black           | refer to photo |
| M180 | Plastic               | black           | refer to photo |
| M181 | Metal                 | golden          | refer to photo |
| M182 | Metal                 | golden          | refer to photo |

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**1. Screening of Substances of Very High Concern (SVHC) subject to the Candidate List by European Chemical Agency (ECHA) according to Regulation (EC) No 1907/2006 of REACH and its amendments.**

Obligation of Importer is necessary if the detected SVHC concentration in article level is >0.1%:  
 To communicate information down the supply chain according to article. 33 of Regulation(EC) No 1907/2006. OR

1. Notification to ECHA, if the quantities of SVHC in the produced/imported articles are above 1 ton in total per year per company.
2. Provide sufficient information to ensure safe use of the article and, as a minimum, include the name of the substance, to their customers and on request to consumers within 45 days of the receipt of this request.

Test Method: 1) SVOC: organic solvent extraction, determination by GC-MS/ECD  
 2) VOC: organic solvent extraction, determination by GC-MS  
 3) VVOC: headspace-GC/MS analysis  
 4) non-VOC: organic solvent extraction, determination by LC-MS/MS.  
 5) inorganics: acid digestion, determination by ICP-OES

**Test Result:**

| Test No. | Material No.                                                        | Result (%)  |
|----------|---------------------------------------------------------------------|-------------|
| T001     | M005 + M029                                                         | < RL        |
| T002     | M004 + M069 + M076                                                  | DEHP: 0.02% |
| T003     | M012 + M013 + M014 + M016 + M017                                    | < RL        |
| T004     | M018 + M019 + M020 + M021 + M022                                    | < RL        |
| T005     | M023 + M024 + M055 + M061 + M062                                    | < RL        |
| T006     | M083 + M093 + M094 + M096 + M100                                    | < RL        |
| T007     | M106 + M107 + M108 + M109 + M110                                    | < RL        |
| T008     | M111 + M112 + M113 + M114 + M115                                    | < RL        |
| T009     | M116 + M117 + M118 + M119                                           | < RL        |
| T010     | M120 + M121 + M122 + M123                                           | < RL        |
| T011     | M011 + M015 + M025 + M051 + M052 + M053 + M054 + M056 + M057 + M058 | < RL        |
| T012     | M059 + M060 + M066 + M067 + M075 + M084 + M085 + M086 + M087 + M088 | < RL        |
| T013     | M095 + M099 + M124 + M125 + M126 + M127 + M180                      | < RL        |
| T014     | M064                                                                | < RL        |
| T015     | M065                                                                | < RL        |
| T016     | M068                                                                | < RL        |
| T017     | M074                                                                | < RL        |
| T018     | M101                                                                | < RL        |

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|      |                                                                     |             |
|------|---------------------------------------------------------------------|-------------|
| T019 | M102                                                                | < RL        |
| T020 | M103                                                                | DBP: 0.099% |
| T021 | M104                                                                | < RL        |
| T022 | M105                                                                | < RL        |
| T023 | M063                                                                | < RL        |
| T024 | M001 + M002 + M003 + M006 + M007 + M008 + M009 + M010 + M026 + M027 | < RL        |
| T025 | M028 + M031 + M032 + M033 + M034 + M035 + M036 + M037 + M038 + M039 | < RL        |
| T026 | M040 + M041 + M042 + M043 + M044 + M046 + M047 + M048 + M049 + M050 | < RL        |
| T027 | M071 + M072 + M073 + M078 + M079 + M080 + M081 + M082 + M089 + M090 | < RL        |
| T028 | M091 + M097 + M098 + M133 + M134 + M145                             | < RL        |
| T029 | M171 + M172 + M173 + M174 + M175 + M176                             | < RL        |
| T030 | M030 + M130 + M132                                                  | < RL        |
| T031 | M151                                                                | < RL        |
| T032 | M070 + M142 + M143 + M144                                           | < RL        |
| T033 | M135 + M136                                                         | < RL        |
| T034 | M077 + M146                                                         | < RL        |
| T035 | M092 + M128                                                         | < RL        |
| T036 | M169 + M170                                                         | < RL        |
| T037 | M129 + M131 + M137 + M138 + M139 + M140 + M141 + M147               | < RL        |
| T038 | M148 + M149 + M150 + M152 + M153 + M154 + M155 + M156               | < RL        |
| T039 | M157 + M158 + M159 + M160 + M161 + M162 + M163 + M164               | < RL        |
| T040 | M165 + M166 + M167 + M168 + M177 + M178 + M179                      | < RL        |
| T041 | M045                                                                | Lead: 3.34% |
| T042 | M181                                                                | Lead: 1.87% |
| T043 | M182                                                                | Lead: 2.29% |

Abbreviation: < = Less than  
 RL =Reporting Limit  
 % =Percentage

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Remark:

(\*1) The reporting limit for each individual SVHC in Candidate List by ECHA:

|    | Substance                                                                                                                                                                               | CAS No.                                                                      | Reporting Limit |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|
| 1  | 4,4'- Diaminodiphenylmethane (MDA)                                                                                                                                                      | 101-77-9                                                                     | 0.01%           |
| 2  | Benzyl butyl phthalate (BBP)                                                                                                                                                            | 85-68-7                                                                      | 0.01%           |
| 3  | Bis (2-ethylhexyl)phthalate (DEHP)                                                                                                                                                      | 117-81-7                                                                     | 0.01%           |
| 4  | Dibutyl phthalate (DBP)                                                                                                                                                                 | 84-74-2                                                                      | 0.01%           |
| 5  | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:<br>Alpha-hexabromocyclododecane<br>Beta-hexabromocyclododecane<br>Gamma-hexabromocyclododecane                | 25637-99-4 /<br>3194-55-6 /<br>134237-50-6 /<br>134237-51-7 /<br>134237-52-8 | 0.01%           |
| 6  | 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)                                                                                                                                      | 81-15-2                                                                      | 0.01%           |
| 7  | 2,4-Dinitrotoluene (2,4-DNT)                                                                                                                                                            | 121-14-2                                                                     | 0.01%           |
| 8  | Diisobutyl phthalate (DIBP)                                                                                                                                                             | 84-69-5                                                                      | 0.01%           |
| 9  | Tris(2-chloroethyl)phosphate                                                                                                                                                            | 115-96-8                                                                     | 0.01%           |
| 10 | Diarsenic pentaoxide (*2)                                                                                                                                                               | 1303-28-2                                                                    | 0.01%           |
| 11 | Diarsenic trioxide (*2)                                                                                                                                                                 | 1327-53-3                                                                    | 0.01%           |
| 12 | Lead chromate (*2)(*3)                                                                                                                                                                  | 7758-97-6                                                                    | 0.01%           |
| 13 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) (*2)(*3)                                                                                                                    | 12656-85-8                                                                   | 0.01%           |
| 14 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) (*2)                                                                                                                                 | 1344-37-2                                                                    | 0.01%           |
| 15 | Trichloroethylene                                                                                                                                                                       | 79-01-6                                                                      | 0.01%           |
| 16 | Chromium trioxide (*2)                                                                                                                                                                  | 1333-82-0                                                                    | 0.01%           |
| 17 | Acids generated from chromium trioxide and their oligomers:<br>Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid. (*2) | 7738-94-5 /<br>13530-68-2                                                    | 0.01%           |
| 18 | Sodium dichromate (*2)(*3)                                                                                                                                                              | 7789-12-0 / 10588-01-9                                                       | 0.01%           |
| 19 | Potassium dichromate (*2)(*3)                                                                                                                                                           | 7778-50-9                                                                    | 0.01%           |
| 20 | Ammonium dichromate (*2)(*3)                                                                                                                                                            | 7789-09-5                                                                    | 0.01%           |
| 21 | Potassium chromate (*2)(*3)                                                                                                                                                             | 7789-00-6                                                                    | 0.01%           |
| 22 | Sodium chromate (*2)(*3)                                                                                                                                                                | 7775-11-3                                                                    | 0.01%           |
| 23 | Formaldehyde, oligomeric reaction products with aniline (technical MDA) (*10)                                                                                                           | 25214-70-4                                                                   | 0.01%           |
| 24 | 1,2-Dichloroethane                                                                                                                                                                      | 107-06-2                                                                     | 0.01%           |
| 25 | Bis(2-methoxyethyl) ether                                                                                                                                                               | 111-96-6                                                                     | 0.01%           |
| 26 | Arsenic acid (*2)                                                                                                                                                                       | 7778-39-4                                                                    | 0.01%           |
| 27 | 2,2'-dichloro-4,4'-methylenedianiline (MOCA)                                                                                                                                            | 101-14-4                                                                     | 0.01%           |
| 28 | Dichromium tris(chromate) (*2)(*3)                                                                                                                                                      | 24613-89-6                                                                   | 0.01%           |
| 29 | Strontium chromate (*2)(*3)                                                                                                                                                             | 7789-06-2                                                                    | 0.01%           |
| 30 | Potassium hydroxyoctaoxodizincatedichromate (*2)(*3)                                                                                                                                    | 11103-86-9                                                                   | 0.01%           |
| 31 | Pentazinc chromate octahydroxide (*2)(*3)                                                                                                                                               | 49663-84-5                                                                   | 0.01%           |
| 32 | 1-bromopropane (n-propyl bromide)                                                                                                                                                       | 106-94-5                                                                     | 0.01%           |
| 33 | Diisopentylphthalate                                                                                                                                                                    | 605-50-5                                                                     | 0.01%           |
| 34 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)                                                                                                             | 71888-89-6                                                                   | 0.01%           |
| 35 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)                                                                                                         | 68515-42-4                                                                   | 0.01%           |
| 36 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear                                                                                                                        | 84777-06-0                                                                   | 0.01%           |

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|    |                                                                                                                                                                                                                                                                                       |                                    |            |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------|
| 37 | Bis(2-methoxyethyl) phthalate                                                                                                                                                                                                                                                         | 117-82-8                           | 0.01%      |
| 38 | Dipentyl phthalate (DPP)                                                                                                                                                                                                                                                              | 131-18-0                           | 0.01%      |
| 39 | N-pentyl-isopentylphthalate                                                                                                                                                                                                                                                           | 776297-69-9                        | 0.01%      |
| 40 | Anthracene oil (*6)                                                                                                                                                                                                                                                                   | 90640-80-5                         | 0.01%(*7)  |
| 41 | Pitch, coal tar, high temperature (*6)                                                                                                                                                                                                                                                | 65996-93-2                         | 0.01%(*7)  |
| 42 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (OPEO)<br>[covering well-defined substances and UVCB substances, polymers and homologues]                                                                                                                                             | -                                  | 0.01%      |
| 43 | 4-Nonylphenol, branched and linear<br>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] | -                                  | 0.01%      |
| 44 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                                                                                                                                                                                                      | 68515-50-4                         | 0.01%      |
| 45 | Dihexyl phthalate                                                                                                                                                                                                                                                                     | 84-75-3                            | 0.01%      |
| 46 | 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            | 0.01%      |
| 47 | Trixylyl phosphate                                                                                                                                                                                                                                                                    | 25155-23-1                         | 0.01%      |
| 48 | Sodium perborate, perboric acid, sodium salt (*2) (*5)                                                                                                                                                                                                                                | -                                  | 0.01%      |
| 49 | Sodium peroxometaborate (*2) (*5)                                                                                                                                                                                                                                                     | 7632-04-4                          | 0.01%      |
| 50 | 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 stereoisomers of [1] and [2] or any combination thereof]                                             | -                                  | 0.01%      |
| 51 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)                                                                                                                                                                                                                              | 25973-55-1                         | 0.01%      |
| 52 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)                                                                                                                                                                                                                        | 3864-99-1                          | 0.01%      |
| 53 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)                                                                                                                                                                                                                  | 36437-37-3                         | 0.01%      |
| 54 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)                                                                                                                                                                                                                                  | 3846-71-7                          | 0.01%      |
| 55 | Anthracene                                                                                                                                                                                                                                                                            | 120-12-7                           | 0.01%      |
| 56 | Bis(tributyltin) oxide (TBTO) (*4)                                                                                                                                                                                                                                                    | 56-35-9                            | 0.01%      |
| 57 | Triethyl arsenate (*2)                                                                                                                                                                                                                                                                | 15606-95-8                         | 0.01%      |
| 58 | Lead hydrogen arsenate (*2)                                                                                                                                                                                                                                                           | 7784-40-9                          | 0.01%      |
| 59 | Cobalt dichloride (*2)                                                                                                                                                                                                                                                                | 7646-79-9                          | 0.01%      |
| 60 | Acrylamide                                                                                                                                                                                                                                                                            | 79-06-1                            | 0.01%      |
| 61 | Anthracene oil, anthracene paste, distr. lights (*6)                                                                                                                                                                                                                                  | 91995-17-4                         | 0.01% (*7) |
| 62 | Anthracene oil, anthracene paste, anthracene fraction (*6)                                                                                                                                                                                                                            | 91995-15-2                         |            |
| 63 | Anthracene oil, anthracene-low (*6)                                                                                                                                                                                                                                                   | 90640-82-7                         |            |
| 64 | Anthracene oil, anthracene paste (*6)                                                                                                                                                                                                                                                 | 90640-81-6                         |            |
| 65 | Boric acid (*2) (*5)                                                                                                                                                                                                                                                                  | 10043-35-3 / 11113-50-1            | 0.01%      |
| 66 | Disodium tetraborate, anhydrous (*2) (*5)                                                                                                                                                                                                                                             | 1303-96-4 / 1330-43-4 / 12179-04-3 | 0.01%      |
| 67 | Tetraboron disodium heptaoxide, hydrate (*2) (*5)                                                                                                                                                                                                                                     | 12267-73-1                         | 0.01%      |
| 68 | 2-Methoxyethanol                                                                                                                                                                                                                                                                      | 109-86-4                           | 0.01%      |

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| 69  | 2-Ethoxyethanol                                                                                                                                                                                                                           | 110-80-5             | 0.01% |
| 70  | Cobalt(II) sulphate (*2)                                                                                                                                                                                                                  | 10124-43-3           | 0.01% |
| 71  | Cobalt(II) dinitrate (*2)                                                                                                                                                                                                                 | 10141-05-6           | 0.01% |
| 72  | Cobalt(II) carbonate (*2)                                                                                                                                                                                                                 | 513-79-1             | 0.01% |
| 73  | Cobalt(II) diacetate (*2)                                                                                                                                                                                                                 | 71-48-7              | 0.01% |
| 74  | Alkanes C10-C13, chloro (Short Chain Chlorinated Paraffins) (SCCP)                                                                                                                                                                        | 85535-84-8           | 0.01% |
| 75  | 2-Ethoxyethyl acetate                                                                                                                                                                                                                     | 111-15-9             | 0.01% |
| 76  | Hydrazine                                                                                                                                                                                                                                 | 302-01-2 / 7803-57-8 | 0.01% |
| 77  | 1-Methyl-2-pyrrolidone (NMP)                                                                                                                                                                                                              | 872-50-4             | 0.01% |
| 78  | 1,2,3-Trichloropropane                                                                                                                                                                                                                    | 96-18-4              | 0.01% |
| 79  | Aluminosilicate Refractory Ceramic Fibres (RCF) (*8)                                                                                                                                                                                      | -                    | 0.01% |
| 80  | Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) (*8)                                                                                                                                                                          | -                    | 0.01% |
| 81  | 2-Methoxyaniline,o-Anisidine                                                                                                                                                                                                              | 90-04-0              | 0.01% |
| 82  | 4-(1,1,3,3-tetramethylbutyl)phenol                                                                                                                                                                                                        | 140-66-9             | 0.01% |
| 83  | Calcium arsenate (*2)                                                                                                                                                                                                                     | 7778-44-1            | 0.01% |
| 84  | Trilead diarsenate (*2)                                                                                                                                                                                                                   | 3687-31-8            | 0.01% |
| 85  | N,N-dimethylacetamide (DMAC)                                                                                                                                                                                                              | 127-19-5             | 0.01% |
| 86  | Phenolphthalein                                                                                                                                                                                                                           | 77-09-8              | 0.01% |
| 87  | Lead dipicrate (*2)                                                                                                                                                                                                                       | 6477-64-1            | 0.01% |
| 88  | Lead diazide, Lead azide (*2)                                                                                                                                                                                                             | 13424-46-9           | 0.01% |
| 89  | Lead styphnate (*2)                                                                                                                                                                                                                       | 15245-44-0           | 0.01% |
| 90  | 1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)                                                                                                                                                                                          | 112-49-2             | 0.01% |
| 91  | 1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)                                                                                                                                                                                | 110-71-4             | 0.01% |
| 92  | Diboron trioxide (*2) (*5)                                                                                                                                                                                                                | 1303-86-2            | 0.01% |
| 93  | Formamide                                                                                                                                                                                                                                 | 75-12-7              | 0.01% |
| 94  | Lead(II) bis(methanesulfonate) (*2)                                                                                                                                                                                                       | 17570-76-2           | 0.01% |
| 95  | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)                                                                                                                                                                        | 2451-62-9            | 0.01% |
| 96  | 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           | 0.01% |
| 97  | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone), MK                                                                                                                                                                                | 90-94-8              | 0.01% |
| 98  | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base), RMK                                                                                                                                                                       | 101-61-1             | 0.01% |
| 99  | [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)] (*2) | 2580-56-5            | 0.01% |
| 100 | [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)] (*9)                   | 548-62-9             |       |
| 101 | 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)] (*9)                                                                                    | 561-41-1             |       |
| 102 | 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)] (*9)                                               | 6786-83-0            |       |
| 103 | Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)                                                                                                                                                                           | 1163-19-5            | 0.01% |
| 104 | Pentacosafuorotridecanoic acid                                                                                                                                                                                                            | 72629-94-8           | 0.01% |

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| 105 | Tricosafuorododecanoic acid                                                                                                                                                                                                                                                                                                                                          | 307-55-1                                                   | 0.01% |
| 106 | Henicosafuoroundecanoic acid                                                                                                                                                                                                                                                                                                                                         | 2058-94-8                                                  | 0.01% |
| 107 | Heptacosafuorotetradecanoic acid                                                                                                                                                                                                                                                                                                                                     | 376-06-7                                                   | 0.01% |
| 108 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) (*11)                                                                                                                                                                                                                                                                                                       | 123-77-3                                                   | 0.05% |
| 109 | Cyclohexane-1,2-dicarboxylic anhydride [1],<br>cis-cyclohexane-1,2-dicarboxylic anhydride [2],<br>trans-cyclohexane-1,2-dicarboxylic anhydride [3]<br>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]                                                           | 85-42-7 /<br>13149-00-3 /<br>14166-21-3                    | 0.01% |
| 110 | Hexahydromethylphthalic anhydride (MHHPA) [1],<br>Hexahydro-4-methylphthalic anhydride [2],<br>Hexahydro-1-methylphthalic anhydride [3],<br>Hexahydro-3-methylphthalic anhydride [4]<br>[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry] | 25550-51-0 /<br>19438-60-9 /<br>48122-14-1 /<br>57110-29-9 | 0.01% |
| 111 | N,N-dimethylformamide                                                                                                                                                                                                                                                                                                                                                | 68-12-2                                                    | 0.01% |
| 112 | 1,2-Diethoxyethane                                                                                                                                                                                                                                                                                                                                                   | 629-14-1                                                   | 0.01% |
| 113 | Diethyl sulphate                                                                                                                                                                                                                                                                                                                                                     | 64-67-5                                                    | 0.01% |
| 114 | Methoxyacetic acid (MAA)                                                                                                                                                                                                                                                                                                                                             | 625-45-6                                                   | 0.01% |
| 115 | Dimethyl sulphate                                                                                                                                                                                                                                                                                                                                                    | 77-78-1                                                    | 0.01% |
| 116 | N-methylacetamide                                                                                                                                                                                                                                                                                                                                                    | 79-16-3                                                    | 0.01% |
| 117 | Furan                                                                                                                                                                                                                                                                                                                                                                | 110-00-9                                                   | 0.01% |
| 118 | Methyloxirane (Propylene oxide)                                                                                                                                                                                                                                                                                                                                      | 75-56-9                                                    | 0.01% |
| 119 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                                                                                                                                                                                                                                                                                                                   | 143860-04-2                                                | 0.01% |
| 120 | Dibutyltin dichloride (DBTC) (*15)                                                                                                                                                                                                                                                                                                                                   | 683-18-1                                                   | 0.01% |
| 121 | Dinoseb (6-sec-butyl-2,4-dinitrophenol)                                                                                                                                                                                                                                                                                                                              | 88-85-7                                                    | 0.01% |
| 122 | 4,4'-methylenedi-o-toluidine                                                                                                                                                                                                                                                                                                                                         | 838-88-0                                                   | 0.01% |
| 123 | 4,4'-oxydianiline and its salts                                                                                                                                                                                                                                                                                                                                      | 101-80-4                                                   | 0.01% |
| 124 | 4-Aminoazobenzene                                                                                                                                                                                                                                                                                                                                                    | 60-09-3                                                    | 0.01% |
| 125 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine)                                                                                                                                                                                                                                                                                                                    | 95-80-7                                                    | 0.01% |
| 126 | 6-methoxy-m-toluidine (p-cresidine)                                                                                                                                                                                                                                                                                                                                  | 120-71-8                                                   | 0.01% |
| 127 | Biphenyl-4-ylamine                                                                                                                                                                                                                                                                                                                                                   | 92-67-1                                                    | 0.01% |
| 128 | o-aminoazotoluene                                                                                                                                                                                                                                                                                                                                                    | 97-56-3                                                    | 0.01% |
| 129 | o-Toluidine                                                                                                                                                                                                                                                                                                                                                          | 95-53-4                                                    | 0.01% |
| 130 | Acetic acid, lead salt, basic (*2)                                                                                                                                                                                                                                                                                                                                   | 51404-69-4                                                 | 0.01% |
| 131 | Trilead bis(carbonate) dihydroxide (*2)                                                                                                                                                                                                                                                                                                                              | 1319-46-6                                                  | 0.01% |
| 132 | Lead oxide sulfate (*2)                                                                                                                                                                                                                                                                                                                                              | 12036-76-9                                                 | 0.01% |
| 133 | [Phthalato(2-)]dioxotrilead (*2)                                                                                                                                                                                                                                                                                                                                     | 69011-06-9                                                 | 0.01% |
| 134 | Dioxobis(stearato)trilead (*2)                                                                                                                                                                                                                                                                                                                                       | 12578-12-0                                                 | 0.01% |
| 135 | Fatty acids, C16-18, lead salts (*2)                                                                                                                                                                                                                                                                                                                                 | 91031-62-8                                                 | 0.01% |
| 136 | Lead bis(tetrafluoroborate) (*2)                                                                                                                                                                                                                                                                                                                                     | 13814-96-5                                                 | 0.01% |
| 137 | Lead cyanamidate (*2)                                                                                                                                                                                                                                                                                                                                                | 20837-86-9                                                 | 0.01% |
| 138 | Lead dinitrate (*2)                                                                                                                                                                                                                                                                                                                                                  | 10099-74-8                                                 | 0.01% |
| 139 | Lead monoxide (lead oxide) (*2)                                                                                                                                                                                                                                                                                                                                      | 1317-36-8                                                  | 0.01% |
| 140 | Orange lead (lead tetroxide) (*2)                                                                                                                                                                                                                                                                                                                                    | 1314-41-6                                                  | 0.01% |
| 141 | Lead titanium trioxide (*2)                                                                                                                                                                                                                                                                                                                                          | 12060-00-3                                                 | 0.01% |
| 142 | Lead titanium zirconium oxide (*2)                                                                                                                                                                                                                                                                                                                                   | 12626-81-2                                                 | 0.01% |

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| 143 | Pyrochlore, antimony lead yellow (*2)                                                                                                                                                                                                                                                                                                                                          | 8012-00-8                           | 0.01% |
| 144 | Pentalead tetraoxide sulphate (*2)                                                                                                                                                                                                                                                                                                                                             | 12065-90-6                          | 0.01% |
| 145 | Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD), the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] (*2) | 68784-75-8                          | 0.01% |
| 146 | Silicic acid, lead salt (*2)                                                                                                                                                                                                                                                                                                                                                   | 11120-22-2                          | 0.01% |
| 147 | Sulfurous acid, lead salt, dibasic (*2)                                                                                                                                                                                                                                                                                                                                        | 62229-08-7                          | 0.01% |
| 148 | Tetraethyllead (*2)                                                                                                                                                                                                                                                                                                                                                            | 78-00-2                             | 0.01% |
| 149 | Tetralead trioxide sulphate (*2)                                                                                                                                                                                                                                                                                                                                               | 12202-17-4                          | 0.01% |
| 150 | Trilead dioxide phosphonate (*2)                                                                                                                                                                                                                                                                                                                                               | 12141-20-7                          | 0.01% |
| 151 | Ammonium pentadecafluorooctanoate (APFO) (*12)                                                                                                                                                                                                                                                                                                                                 | 3825-26-1                           | 0.01% |
| 152 | Pentadecafluorooctanoic acid (PFOA)                                                                                                                                                                                                                                                                                                                                            | 335-67-1                            | 0.01% |
| 153 | Cadmium (*2)                                                                                                                                                                                                                                                                                                                                                                   | 7440-43-9                           | 0.01% |
| 154 | Cadmium oxide (*2)                                                                                                                                                                                                                                                                                                                                                             | 1306-19-0                           | 0.01% |
| 155 | 4-Nonylphenol, branched and linear, ethoxylated (NPEO) [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]                                     | -                                   | 0.01% |
| 156 | Imidazolidine-2-thione; (2-imidazoline-2-thiol)                                                                                                                                                                                                                                                                                                                                | 96-45-7                             | 0.01% |
| 157 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)                                                                                                                                                                                                                                                                     | 573-58-0                            | 0.01% |
| 158 | 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                           | 0.01% |
| 159 | Lead di(acetate) (*2)                                                                                                                                                                                                                                                                                                                                                          | 301-04-2                            | 0.01% |
| 160 | Cadmium sulphide (*2)                                                                                                                                                                                                                                                                                                                                                          | 1306-23-6                           | 0.01% |
| 161 | Cadmium chloride (*2)                                                                                                                                                                                                                                                                                                                                                          | 10108-64-2                          | 0.01% |
| 162 | Cadmium fluoride (*2)                                                                                                                                                                                                                                                                                                                                                          | 7790-79-6                           | 0.01% |
| 163 | Cadmium sulphate (*2)                                                                                                                                                                                                                                                                                                                                                          | 10124-36-4 / 31119-53-6             | 0.01% |
| 164 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) (*13)                                                                                                                                                                                                                                                                                   | 15571-58-1                          | 0.01% |
| 165 | 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) (*14)                                                                                                             | -                                   | 0.01% |
| 166 | 1,3-propanesultone                                                                                                                                                                                                                                                                                                                                                             | 1120-71-4                           | 0.01% |
| 167 | Nitrobenzene                                                                                                                                                                                                                                                                                                                                                                   | 98-95-3                             | 0.01% |
| 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts                                                                                                                                                                                                                                                                                                                    | 375-95-1<br>21049-39-8<br>4149-60-4 | 0.01% |
| 169 | Benzo[def]chrysene (Benzo[a]pyrene)                                                                                                                                                                                                                                                                                                                                            | 50-32-8                             | 0.01% |
| 170 | 4,4'-isopropylidenediphenol (bisphenol A)                                                                                                                                                                                                                                                                                                                                      | 80-05-7                             | 0.01% |
| 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts                                                                                                                                                                                                                                                                                                           | 335-76-2<br>3830-45-3<br>3108-42-7  | 0.01% |
| 172 | 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]                                                                              | -                                   | 0.01% |
| 173 | p-(1,1-dimethylpropyl)phenol                                                                                                                                                                                                                                                                                                                                                   | 80-46-6                             | 0.01% |
| 174 | Perfluorohexane-1-sulfonic acid and its salts (PFHxS)                                                                                                                                                                                                                                                                                                                          | -                                   | 0.01% |

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| 175 | Chrysene                                                                                                                                                                                                           | 218-01-9    | 0.01% |
| 176 | Benzo[a]anthracene                                                                                                                                                                                                 | 56-55-3     | 0.01% |
| 177 | Cadmium nitrate(*2)                                                                                                                                                                                                | 10325-94-7  | 0.01% |
| 178 | Cadmium hydroxide(*2)                                                                                                                                                                                              | 21041-95-2  | 0.01% |
| 179 | Cadmium carbonate(*2)                                                                                                                                                                                              | 513-78-0    | 0.01% |
| 180 | 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]         | -           | 0.01% |
| 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]                                         | -           | 0.01% |
| 182 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)                                                                                                                                        | 552-30-7    | 0.01% |
| 183 | Dicyclohexyl phthalate (DCHP)                                                                                                                                                                                      | 84-61-7     | 0.01% |
| 184 | Terphenyl, hydrogenated                                                                                                                                                                                            | 61788-32-7  | 0.01% |
| 185 | Octamethylcyclotetrasiloxane (D4)                                                                                                                                                                                  | 556-67-2    | 0.01% |
| 186 | Decamethylcyclopentasiloxane (D5)                                                                                                                                                                                  | 541-02-6    | 0.01% |
| 187 | Dodecamethylcyclohexasiloxane (D6)                                                                                                                                                                                 | 540-97-6    | 0.01% |
| 188 | Ethylenediamine (EDA)                                                                                                                                                                                              | 107-15-3    | 0.01% |
| 189 | Lead                                                                                                                                                                                                               | 7439-92-1   | 0.01% |
| 190 | Disodium octaborate (*2)(*5)                                                                                                                                                                                       | 12008-41-2  | 0.01% |
| 191 | Benzo[ghi]perylene                                                                                                                                                                                                 | 191-24-2    | 0.01% |
| 192 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane                                                                                                                                                                          | 6807-17-6   | 0.01% |
| 193 | Benzo[k]fluoranthene                                                                                                                                                                                               | 207-08-9    | 0.01% |
| 194 | Fluoranthene                                                                                                                                                                                                       | 206-44-0    | 0.01% |
| 195 | Phenanthrene                                                                                                                                                                                                       | 85-01-8     | 0.01% |
| 196 | Pyrene                                                                                                                                                                                                             | 129-00-0    | 0.01% |
| 197 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan- 2-one                                                                                                                                                     | 15087-24-8  | 0.01% |
| 198 | 2-methoxyethyl acetate                                                                                                                                                                                             | 110-49-6    | 0.01% |
| 199 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)                                                                                             | -           | 0.01% |
| 200 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)                                                       | -           | 0.01% |
| 201 | 4-tert-butylphenol                                                                                                                                                                                                 | 98-54-4     | 0.01% |
| 202 | Diisohexyl phthalate (DiHexP)                                                                                                                                                                                      | 71850-09-4  | 0.01% |
| 203 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone                                                                                                                                                                | 119313-12-1 | 0.01% |
| 204 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                                                                                                                                                           | 71868-10-5  | 0.01% |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                                                                                                 | -           | 0.01% |
| 206 | 1-vinylimidazole                                                                                                                                                                                                   | 1072-63-5   | 0.01% |
| 207 | 2-methylimidazole                                                                                                                                                                                                  | 693-98-1    | 0.01% |
| 208 | Butyl 4-hydroxybenzoate                                                                                                                                                                                            | 94-26-8     | 0.01% |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin(*15)                                                                                                                                                                       | 22673-19-4  | 0.01% |
| 210 | Bis(2-(2-methoxyethoxy)ethyl)ether                                                                                                                                                                                 | 143-24-8    | 0.01% |
| 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 (*13) | -           | 0.01% |
| 212 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers                                                                                                                                             | -           | 0.01% |
| 213 | Orthoboric acid, sodium salt (*2) (*5)                                                                                                                                                                             | 13840-56-7  | 0.01% |

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|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                           |       |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------|
| 214 | 2,2-bis(bromomethyl)propane-1,3-diol (BMP)<br>2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)<br>2,3-dibromo-1-propanol (2,3-DBPA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3296-90-0 /<br>36483-57-5 /<br>1522-92-5 /<br>96-13-9                                                     | 0.01% |
| 215 | Glutaral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 111-30-8                                                                                                  | 0.01% |
| 216 | 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]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                                         | 0.01% |
| 217 | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                                         | 0.01% |
| 218 | 1,4-dioxane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 123-91-1                                                                                                  | 0.01% |
| 219 | 4,4'-(1-methylpropylidene)bisphenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 77-40-7                                                                                                   | 0.01% |
| 220 | tris(2-methoxyethoxy)vinylsilane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1067-53-4                                                                                                 | 0.01% |
| 221 | S-(tricyclo(5.2.1.0 <sup>2,6</sup> )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                                                                                               | 0.01% |
| 222 | 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 119-47-1                                                                                                  | 0.01% |
| 223 | (±)-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)<br><br>(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one<br>(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one | -<br>1782069-81-1<br>95342-41-9<br>852541-25-4<br>36861-47-9<br>741687-98-9<br>852541-30-1<br>852541-21-0 | 0.01% |
| 224 | N-(hydroxymethyl)acrylamide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 924-42-5                                                                                                  | 0.01% |
| 225 | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 37853-59-1                                                                                                | 0.01% |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 79-94-7                                                                                                   | 0.01% |
| 227 | 4,4'-sulphonyldiphenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 80-09-1                                                                                                   | 0.01% |
| 228 | Barium diboron tetraoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 13701-59-2                                                                                                | 0.01% |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                         | 0.01% |
| 230 | Isobutyl 4-hydroxybenzoate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4247-02-3                                                                                                 | 0.01% |
| 231 | Melamine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 108-78-1                                                                                                  | 0.01% |
| 232 | Perfluoroheptanoic acid and its salts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                         | 0.01% |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                                         | 0.01% |
| 234 | bis(4-chlorophenyl) sulphone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80-07-9                                                                                                   | 0.01% |
| 235 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 75980-60-8                                                                                                | 0.01% |

## Remark:

- (\*2) The substances are tested and calculated in terms of its respective elements and to the worst-case scenario. The report states the theoretical value of SVHC substances without consideration of the actual occurrence in the article.
- (\*3) The substances are tested and calculated in terms of Cr (VI).
- (\*4) The substance is tested and calculated in terms of Tributyl tin.
- (\*5) The substances are confirmed and tested in terms of borate and the borate may come from the compounds other than SVHCs.
- (\*6) The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological materials), which are identified by its main constituents.
- (\*7) Individual concentrations to the constituent of UVCB with an amount of < 0.01% were not considered by the calculation of the sum.
- (\*8) The test results are based on microscopic and chemical evaluation.
- (\*9) The substances are quantified in terms of Michler's ketone and Michler's base by LC-MS, as Michler's ketone or Michler's base was found exceeds 0.01%.
- (\*10) The content oligomer is determined by Py-GC/MS.
- (\*11) The content of diazene-1,2-dicarboxamide is analyzed in terms of its breakdown product.

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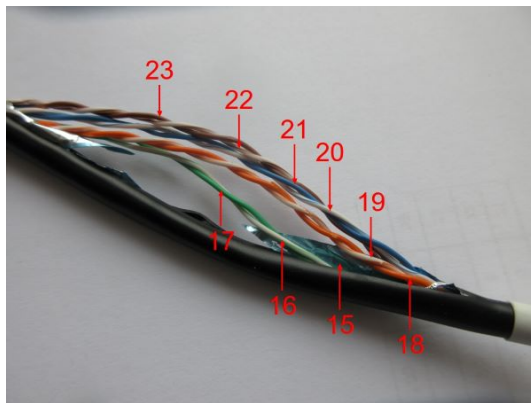
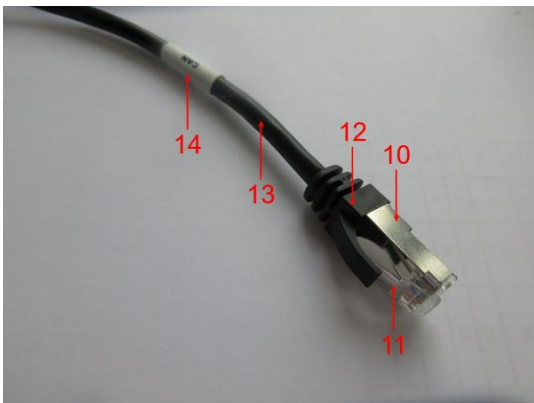
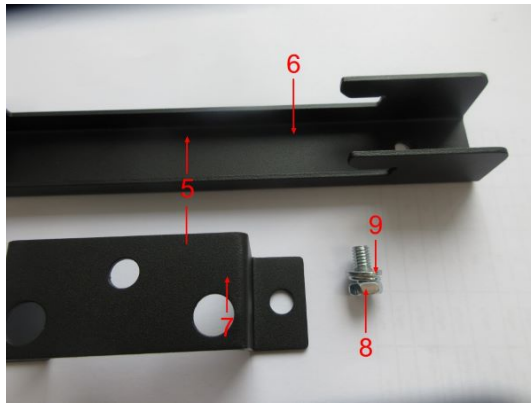
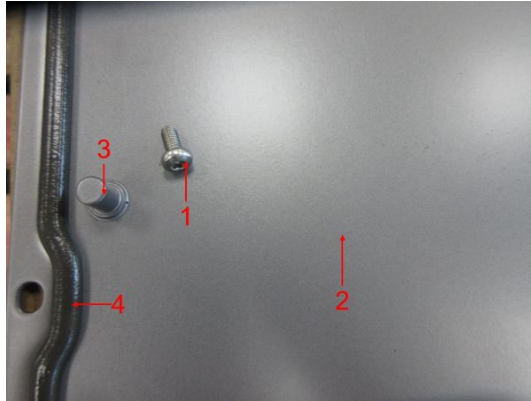
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- (\*12) The substance is tested in terms of pentadecafluorooctanoate.
- (\*13) The substance is tested and calculated in terms of Dioctyl tin.
- (\*14) The substance is tested and calculated in terms of Monoctyl tin and Dioctyl tin.
- (\*15) The substance is tested and calculated in terms of Dibutyl tin
- (\*16) The tested material(s) was screened only for selected SVHCs. Selection of tests refers to the material type and application and the possibility of contamination during production & material specific contamination of the product.
- (\*17) The other SVHCs which are not mentioned in test result were either not subject to testing according to remark \*16 or less than report limit.
- (\*18) The theoretical content of SVHC substances is calculated in terms of its respective elements. This material may contain the mentioned SVHCs, it is suggested to check the respective recipe if the theoretical content of the respective substance >0.1% in each article

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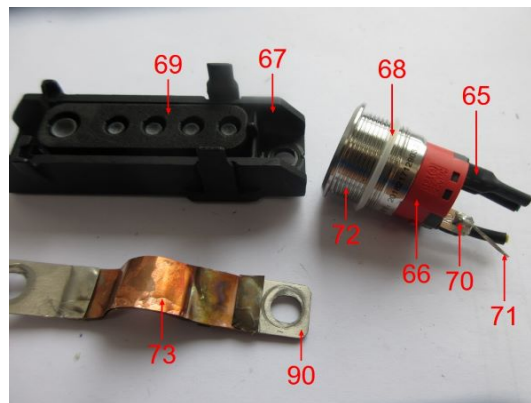
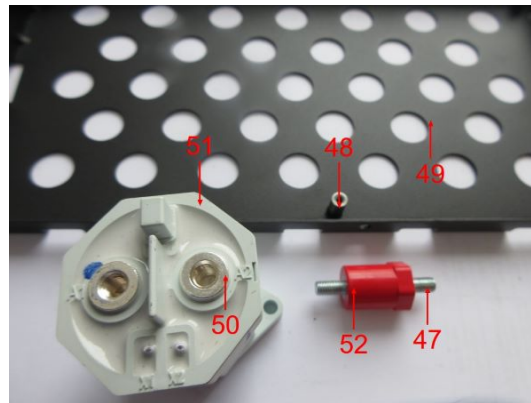
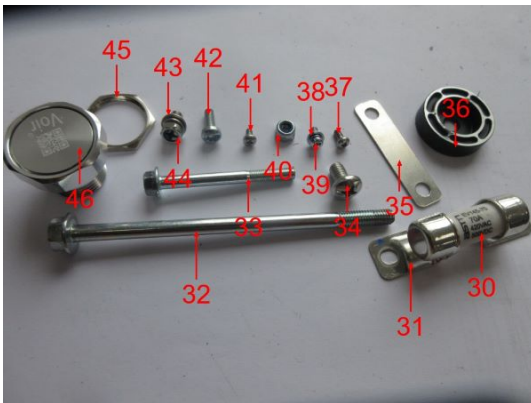
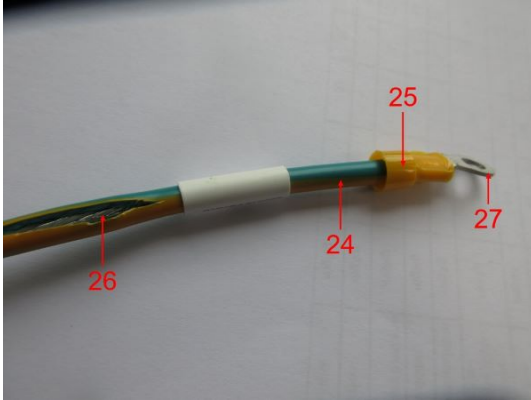
Sample Photos



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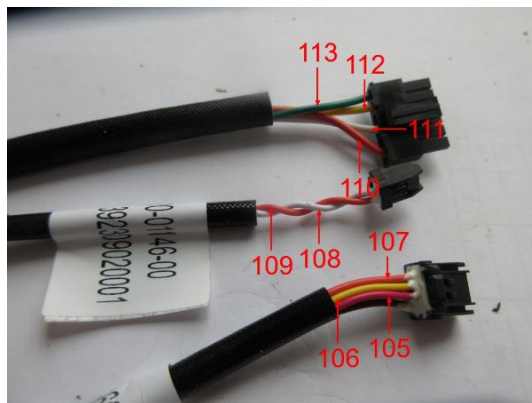
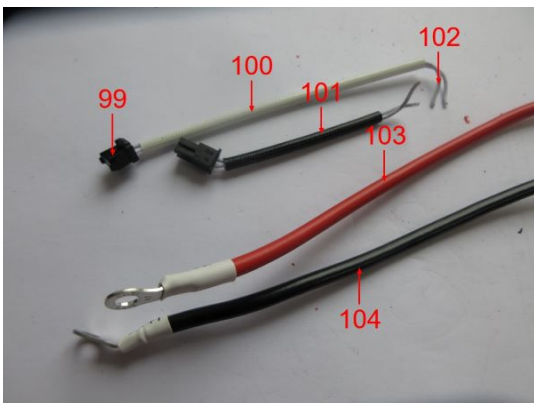
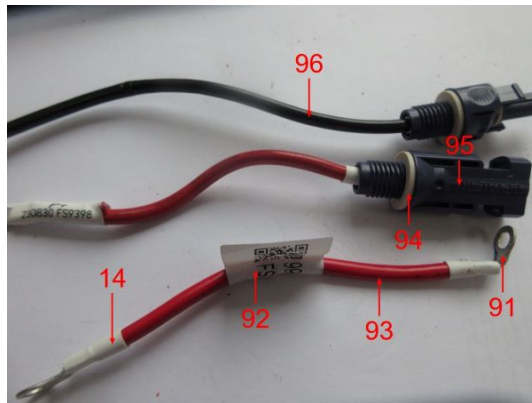
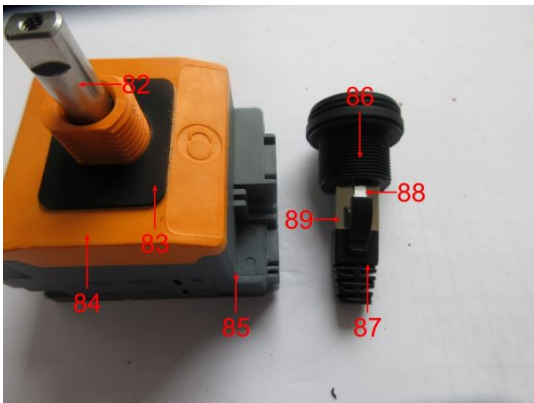
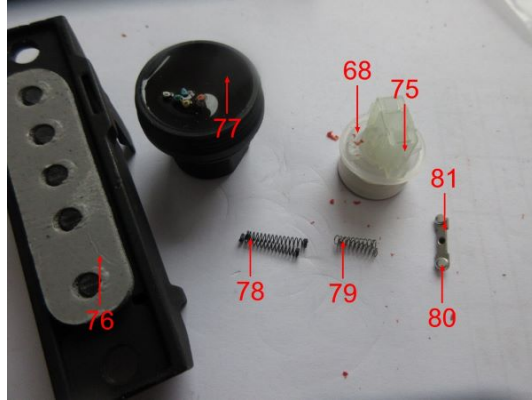
Sample Photos



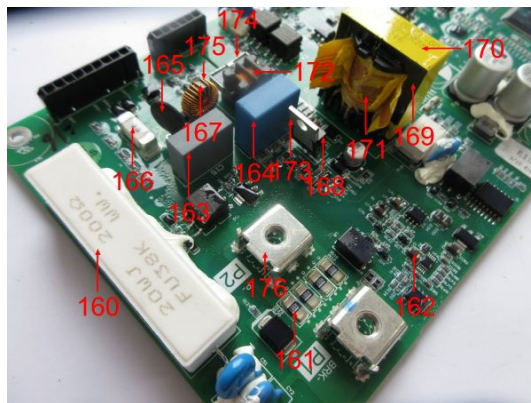
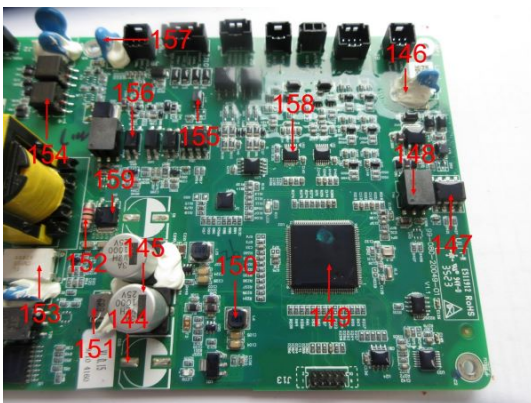
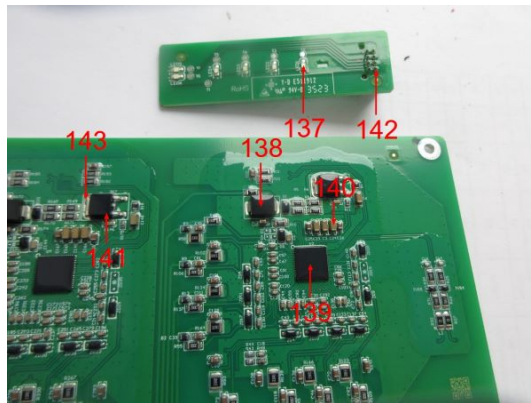
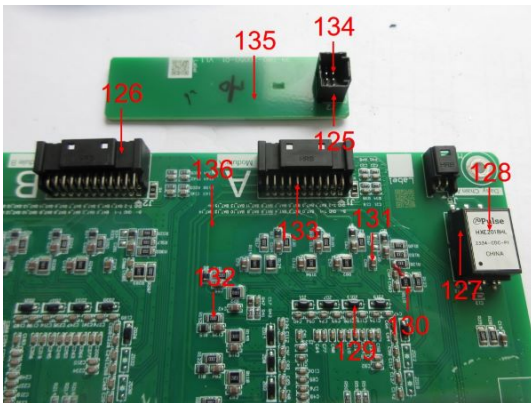
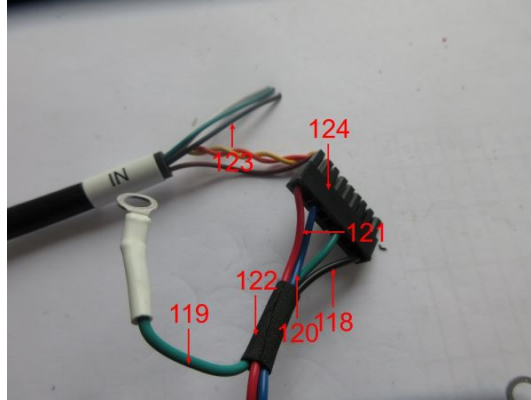
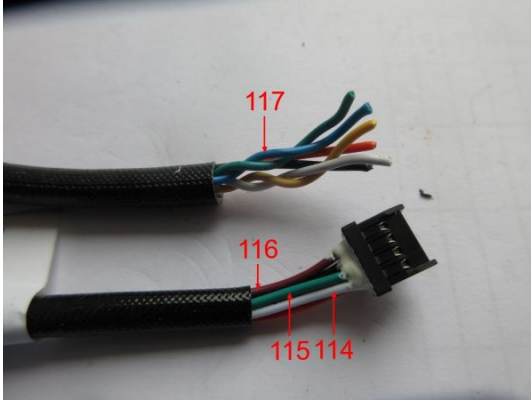
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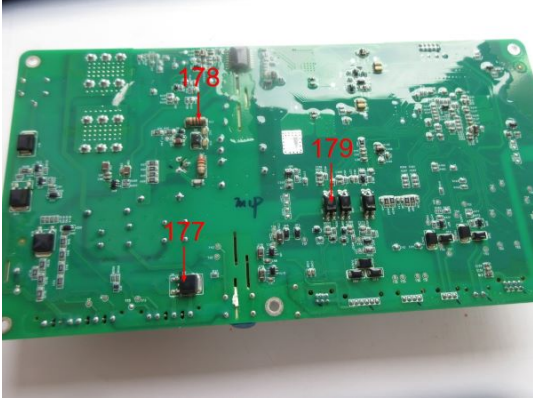
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