

Kambukka bvba
Torenplein 7.16.1, 3500 Hasselt, BELGIUM

**DEKRA Testing and Certification (Shanghai) Ltd
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Date: 2015-05-04
Page 1 of 9

TEST REPORT

Test Report No. : **4322184.50**

Project No. : **4322184.00**

Applicant : Kambukka bvba
Torenplein 7.16.1, 3500 Hasselt, BELGIUM

Product Name : Gizmo Flip

Model No. : 71439

Test Requested : Selected test(s) as requested by applicant, REACH SVHC assessment is performed according to:

- One hundred and sixty-one (161) substances in the Candidate List of Substances of Very High Concern for authorization updated till December 17, 2014.
- Analysis based on LCMS, GCMS, GC, IC-ECD, ICP-OES/AAS and UV-VIS.

Test Method : Please refer to next pages


Sample Received : 2015-04-17

Testing Period : 2015-04-17 to 2015-04-22

Reference No. : CTT150414349EN

Test Results
- following pages -

Resume:

| | |
|---|---|
| <p style="text-align: center;">Parameter</p> | <p style="text-align: center;">Product Name: Gizmo Flip Model No.: 71439</p> |
| |  |
| <p>One hundred and sixty-one (161) substances in the Candidate List of SVHC</p> | <p style="text-align: center;">Less than 0.1% (w/w) in the submitted sample</p> |

Guangzhou, May 4, 2015

Signed for and on behalf of

DEKRA Testing and Certification (Shanghai) Ltd. Guangzhou Branch

Chemical, Hardgoods & Toys



Raymond Yu
Manager

Attention: Please note that every statement made in this report is only valid for the samples tested and reported herein. This report shall not be reproduced except in full, without the written approval of the testing laboratory.

SAMPLE DESCRIPTION & QUANTITY AMOUNT

| Group description | Weight, in gram | Weight, in % (w/w) |
|--|-----------------|--------------------|
| 1. Plastic & silica gel & paint components | 129.567 | 91.32 |
| 2. Metal components | 12.310 | 8.68 |
| Product | 141.877 | 100 |

Remark:

- The sample as received is tested as composite mixture (w/w of the sample composition listed in this report)

TEST RESULTS

- Analysis of the 161 substances of very high concern (SVHC) on the Candidate List for authorization, concerning Regulation (EC) No. 1907/2006 as published on the European Chemicals Agency (ECHA) website in October 2008, January 2010, March 2010, June 2010, December 2010, June 2011, December 2011, June 2012, December 2012, June 2013, December 2013, June 2014 and December 2014.
- Analysis based on LCMS, GCMS, GC, IC-ECD, ICP-OES/AAS and UV-VIS.

| Parameters | Result [% by Weight] | Recommended Limit |
|---|----------------------|-------------------|
| | Gizmo Flip | |
| One hundred and sixty-one substances of very high concern | < 0.1 | < 0.1% (w/w) |

Remark:

1. < = Less than
2. % = Percentage

| No. | Substance | CAS No. | RL [%] |
|-----|---|--|--------|
| 1 | Anthracene | 120-12-7 | 0.005 |
| 2 | 4,4'- Diaminodiphenylmethane | 101-77-9 | 0.005 |
| 3 | Dibutyl phthalate (DBP) | 84-74-2 | 0.005 |
| 4 | Cobalt dichloride * | 7646-79-9 | 0.005 |
| 5 | Diarsenic pentaoxide* | 1303-28-2 | 0.005 |
| 6 | Diarsenic trioxide * | 1327-53-3 | 0.005 |
| 7 | Sodium dichromate * | 7789-12-0 10588-01-9 | 0.005 |
| 8 | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 81-15-2 | 0.005 |
| 9 | Bis (2-ethyl(hexyl)phthalate) (DEHP) | 117-81-7 | 0.005 |
| 10 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α – HBCDD, β -HBCDD, γ -HBCDD) | 25637-99-4 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8) | 0.005 |
| 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8 | 0.01 |
| 12 | Bis(tributyltin)oxide (TBTO)* | 56-35-9 | 0.005 |
| 13 | Lead hydrogen arsenate * | 7784-40-9 | 0.005 |
| 14 | Benzyl butyl phthalate (BBP) | 85-68-7 | 0.005 |
| 15 | Triethyl arsenate * | 15606-95-8 | 0.005 |

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|----|--|--------------------------------------|-------|
| 16 | Anthracene oil [§] | 90640-80-5 | 0.05 |
| 17 | Anthracene oil, anthracene paste, distn. lights [§] | 91995-17-4 | 0.05 |
| 18 | Anthracene oil, anthracene paste, anthracene fraction [§] | 91995-15-2 | 0.05 |
| 19 | Anthracene oil, anthracene-low [§] | 90640-82-7 | 0.05 |
| 20 | Anthracene oil, anthracene paste [§] | 90640-81-6 | 0.05 |
| 21 | Pitch, coal tar, high temp. [§] | 65996-93-2 | 0.05 |
| 22 | Aluminosilicate Refractory Ceramic Fibres* | - | 0.005 |
| 23 | Zirconia Aluminosilicate, Refractory Ceramic Fibres* | - | 0.005 |
| 24 | 2,4-Dinitrotoluene | 121-14-2 | 0.01 |
| 25 | Diisobutyl phthalate | 84-69-5 | 0.01 |
| 26 | Lead chromate* | 7758-97-6 | 0.01 |
| 27 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)* | 12656-85-8 | 0.005 |
| 28 | Lead sulfochromate yellow (C.I. Pigment Yellow 34)* | 1344-37-2 | 0.01 |
| 29 | Tris(2-chloroethyl)phosphate(TCEP) | 115-96-8 | 0.01 |
| 30 | Acrylamide | 79-06-1 | 0.01 |
| 31 | Trichloroethylene | 79-01-6 | 0.01 |
| 32 | Boric Acid* | 10043-35-3 11113-50-1 | 0.01 |
| 33 | Disodium tetraborate, anhydrous* | 1303-96-4 1330-43-4 12179-04-3 | 0.01 |
| 34 | Tetraboron disodium heptaoxide, hydrate* | 12267-73-1 | 0.01 |
| 35 | Sodium chromate* | 7775-11-3 | 0.01 |
| 36 | Potassium chromate* | 7789-00-6 | 0.01 |
| 37 | Ammonium dichromate* | 7789-09-5 | 0.01 |
| 38 | Potassium dichromate* | 7778-50-9 | 0.01 |
| 39 | Cobalt(II) sulphate * | 10124-43-3 | 0.01 |
| 40 | Cobalt(II) dinitrate * | 10141-05-6 | 0.01 |
| 41 | Cobalt(II) carbonate* | 513-79-1 | 0.01 |
| 42 | Cobalt(II) diacetate* | 71-48-7 | 0.01 |
| 43 | 2-Methoxyethanol | 109-86-4 | 0.01 |
| 44 | 2-Ethoxyethanol | 110-80-5 | 0.01 |
| 45 | Chromium trioxide* | 1333-82-0 | 0.01 |
| 46 | Acids generated from chromium trioxide and their oligomers: a.Chromic acid* b.Dichromic acid* c.Oligomers of chromic acid and dichromic acid* | 7738-94-5 13530-68-2 | 0.01 |
| 47 | 2-Ethoxyethyl acetate (2-EEA) | 111-15-9 | 0.01 |
| 48 | Strontium chromate* | 7789-06-2 | 0.01 |
| 49 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) [§] | 68515-42-4 | 0.01 |

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|----|--|------------------------|------|
| 50 | Hydrazine | 7803-57-8, 302-01-2 | 0.01 |
| 51 | 1-Methyl-2-pyrrolidone | 872-50-4 | 0.01 |
| 52 | 1,2,3-Trichloropropane | 96-18-4 | 0.01 |
| 53 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) | 71888-89-6 | 0.01 |
| 54 | 1,2-Dichloroethane | 107-06-2 | 0.01 |
| 55 | 2,2'-Dichloro-4,4'-methylenedianiline (MOCA) | 101-14-4 | 0.01 |
| 56 | 2-Methoxyaniline, o-Anisidine | 90-04-0 | 0.01 |
| 57 | 4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol) | 140-66-9 | 0.01 |
| 58 | Arsenic acid* | 7778-39-4 | 0.01 |
| 59 | Bis(2-methoxyethyl) ether | 111-96-6 | 0.01 |
| 60 | Bis(2-methoxyethyl) phthalate | 117-82-8 | 0.01 |
| 61 | Calcium arsenate* | 7778-44-1 | 0.01 |
| 62 | Dichromium tris(chromate)* | 24613-89-6 | 0.01 |
| 63 | Formaldehyde, oligomeric reaction products with aniline (technical MDA) [§] | 25214-70-4 | 0.01 |
| 64 | Lead diazide* | 13424-46-9 | 0.01 |
| 65 | Lead dipicrate* | 6477-64-1 | 0.01 |
| 66 | Lead styphnate* | 15245-44-0 | 0.01 |
| 67 | N,N-dimethylacetamide (DMAC) | 127-19-5 | 0.05 |
| 68 | Pentazinc chromate octahydroxide* | 49663-84-5 | 0.05 |
| 69 | Phenolphthalein | 77-09-8 | 0.01 |
| 70 | Potassium hydroxyoctaoxodizincatedichromate* | 11103-86-9 | 0.01 |
| 71 | Trilead diarsenate* | 3687-31-8 | 0.01 |
| 72 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 112-49-2 | 0.01 |
| 73 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 0.01 |
| 74 | Diboron trioxide* | 1303-86-2 | 0.01 |
| 75 | Formamide | 75-12-7 | 0.01 |
| 76 | Lead(II) bis(methanesulfonate)* | 17570-76-2 | 0.05 |
| 77 | 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC) | 2451-62-9 | 0.01 |
| 78 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC) | 59653-74-6 | 0.01 |
| 79 | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 90-94-8 | 0.01 |
| 80 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 | 0.01 |
| 81 | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 2580-56-5 | 0.01 |

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| 82 | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 548-62-9 | 0.01 |
| 83 | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 561-41-1 | 0.01 |
| 84 | α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 6786-83-0 | 0.01 |
| 85 | Bis(pentabromophenyl) ether (DecaBDE) | 1163-19-5 | 0.01 |
| 86 | N,N-dimethylformamide; dimethyl formamide | 68-12-2 | 0.01 |
| 87 | Methoxy acetic acid | 625-45-6 | 0.01 |
| 88 | Dibutyltin dichloride (DBT)* | 683-18-1 | 0.01 |
| 89 | 1,2-Diethoxyethane | 629-14-1 | 0.01 |
| 90 | Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride | 85-42-7, 13149-00-3, 14166-21-3 | 0.01 |
| 91 | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | 0.01 |
| 92 | 4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof | - | 0.01 |
| 93 | Heptacosafuorotetradecanoic acid | 376-06-7 | 0.01 |
| 94 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 | 0.01 |
| 95 | Henicosafuoroundecanoic acid | 2058-94-8 | 0.01 |
| 96 | N-pentyl-isopentylphthalate (iPnPP) | 776297-69-9 | 0.01 |
| 97 | Pentacosafuorotridecanoic acid | 72629-94-8 | 0.01 |
| 98 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues | - | 0.01 |
| 99 | Tricosafuorododecanoic acid | 307-55-1 | 0.01 |
| 100 | Lead bis(tetrafluoroborate)* | 13814-96-6 | 0.01 |
| 101 | Lead tetroxide (orange lead)* | 1314-41-6 | 0.01 |
| 102 | Diethyl sulphate | 64-67-5 | 0.01 |
| 103 | Dinoseb | 88-85-7 | 0.01 |
| 104 | Lead Titanium Zirconium Oxide* | 12626-81-2 | 0.01 |

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| 105 | Acetic acid, lead salt, basic* | 51404-69-4 | 0.01 |
| 106 | Furan | 110-00-9 | 0.01 |
| 107 | N-methylacetamide | 79-16-3 | 0.01 |
| 108 | o-Toluidine; 2-Aminotoluene | 95-53-4 | 0.01 |
| 109 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 0.01 |
| 110 | 4,4'-oxydianiline and its salts | 101-80-4 | 0.01 |
| 111 | [Phthalato(2-)]dioxotrilead (Dibasic lead phthalate)* | 69011-06-9 | 0.01 |
| 112 | Lead titanium trioxide* | 12060-00-3 | 0.01 |
| 113 | Lead oxide sulphate* | 12036-76-9 | 0.01 |
| 114 | Lead dinitrate* | 10099-74-8 | 0.01 |
| 115 | 4-Aminoazobenzene; 4-Phenylazoaniline | 60-09-3 | 0.01 |
| 116 | Lead cyanamidate* | 20837-86-9 | 0.01 |
| 117 | Tetralead trioxide sulphate* | 12202-17-4 | 0.01 |
| 118 | 4-methyl-m-phenylenediamine (2,4-toluene-diamine) | 95-80-7 | 0.01 |
| 119 | Pyrochlore, antimony lead yellow* | 8012-00-8 | 0.01 |
| 120 | Trilead bis(carbonate)dihydroxide (basic lead carbonate)* | 1319-46-6 | 0.01 |
| 121 | Dimethyl sulphate | 77-78-1 | 0.01 |
| 122 | Dioxobis(stearato)trilead* | 12578-12-0 | 0.01 |
| 123 | Silicic acid, barium salt, lead-doped* | 68784-75-8 | 0.01 |
| 124 | Biphenyl-4-ylamine | 92-67-1 | 0.01 |
| 125 | Lead oxide (lead monoxide)* | 1317-36-8 | 0.01 |
| 126 | Pentalead tetraoxide sulphate* | 12065-90-6 | 0.01 |
| 127 | Propylene oxide; 1,2-epoxypropane; methyloxirane | 75-56-9 | 0.01 |
| 128 | Silicic acid, lead salt* | 11120-22-2 | 0.01 |
| 129 | Trilead dioxide phosphonate* | 12141-20-7 | 0.01 |
| 130 | o-aminoazotoluene | 97-56-3 | 0.01 |
| 131 | 1-bromopropane | 106-94-5 | 0.01 |
| 132 | 6-methoxy-m-toluidine (p-cresidine) | 120-71-8 | 0.01 |
| 133 | 4,4'-methylenedi-o-toluidine | 838-88-0 | 0.01 |
| 134 | Tetraethyllead* | 78-00-2 | 0.01 |
| 135 | Sulfurous acid, lead salt, dibasic* | 62229-08-7 | 0.01 |
| 136 | Fatty acids, C16-18, lead salts* | 91031-62-8 | 0.01 |
| 137 | Diisopentylphthalate | 605-50-5 | 0.01 |
| 138 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 0.01 |
| 139 | Cadmium | 7440-43-9 | 0.005 |
| 140 | Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 0.01 |
| 141 | Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 0.01 |
| 142 | Dipentyl phthalate (DPP) | 131-18-0 | 0.005 |

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|-----|---|---------------------------|-------|
| 143 | 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] | - | 0.01 |
| 144 | Cadmium oxide* | 1306-19-0 | 0.01 |
| 145 | Cadmium sulphide* | 1306-23-6 | 0.01 |
| 146 | Dihexyl phthalate | 84-75-3 | 0.01 |
| 147 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 573-58-0 | 0.005 |
| 148 | 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 | 0.005 |
| 149 | Imidazolidine-2-thione; 2-imidazoline-2-thiol | 96-45-7 | 0.01 |
| 150 | Lead di(acetate) * | 301-04-2 | 0.01 |
| 151 | Trixylyl phosphate | 25155-23-1 | 0.01 |
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 68515-50-4 | 0.01 |
| 153 | Cadmium chloride * | 10108-64-2 | 0.01 |
| 154 | Sodium perborate * perboric acid, sodium salt * | -- | 0.01 |
| 155 | Sodium peroxometaborate * | 7632-04-4 | 0.01 |
| 156 | Cadmium fluoride * | 7790-79-6 | 0.01 |
| 157 | Cadmium sulphate * | 10124-36-4; 31119-53-6 | 0.01 |
| 158 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 0.01 |
| 159 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 0.01 |
| 160 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 15571-58-1 | 0.01 |
| 161 | Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) | -- | 0.01 |

Remark:

1. RL = Report Limit
2. '*' denotes concentration of the SVHC was conversion of test results of the corresponding metal ion or element.
3. '§' The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.

---End of Report---