

Test Report

No. CANEC1625968403

Date: 09 Jan 2017

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3F ELECTRONICS INDUSTRY CORP.,LTD.

NO.5, ZHENXING ROAD, LIYUHE INDUSTRY PARK, LOUCUN VILLAGE, GONGMING STREET,
GUANGMING NEW DISTRICT, SHENZHEN , GUANGDONG , CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : PVC wire and cable

SGS Job No. : CP16-078498 - SZ
Model No. : AVSS 0.3mm² Black,AVSS 0.3mm² White,AVSS 0.3mm² Red
Client Ref. Info. : Please see Remark
Date of Sample Received : 30 Dec 2016
Testing Period : 30 Dec 2016 - 06 Jan 2017
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Alkene Liang
Approved Signatory



Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN16-259684.001	Black plastic jacket+White plastic jacket+Red plastic jacket

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Phthalate

Test Method : With reference to EN14372: 2004. Analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%(w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	%(w/w)	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%(w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	%(w/w)	0.010	ND
Dimethyl Phthalate (DMP)	131-11-3	%(w/w)	0.003	ND
Diethyl Phthalate (DEP)	84-66-2	%(w/w)	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%(w/w)	0.003	ND
Dinonyl Phthalate (DNP)	84-76-4	%(w/w)	0.003	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	%(w/w)	0.010	ND
Dipropyl Phthalate (DPrP)	131-16-8	%(w/w)	0.003	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%(w/w)	0.003	ND
Di-n-pentyl Phthalate (DnPP)	131-18-0	%(w/w)	0.003	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%(w/w)	0.003	ND
Diphenyl Phthalate (DPhP)	84-62-8	%(w/w)	0.003	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%(w/w)	0.003	ND

Notes :

- (1)DBP,BBP,DEHP Reference information: Entry 51 of Regulation (EC) No 552/2009 amending Annex



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XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC):

- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles.
- ii) Toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EC) No 552/2009 to get more detail information

(2)DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.
- ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EC) No 552/2009 to get more detail information

Remark 1: Results shown are of the total weight of mixed samples.

Remark 2: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.



Remark:

UL1007、1010、1013、1015、1017、1020、1021、1022、1023、1024、1026、
 10269、1027、1028、1040、1041、1043、1054、1055、1056、1061、1095、
 1207、1211、1220、1230、1233、1234、1235、1236、1237、1238、1239、1265
 1266、1275、1283、1284、1308、1314、1316、1452、1569、1571、1589、1617
 1618、1672、1429、1430、1431、3454、3558、3314、3315、3453、3611、3443
 1764、10024、10053、10070、10076、10198、2038、2095、2096、2101、2102
 2103、2127、2129、2265、2343、20478、2344、2345、2346、2384、2385、
 2386、2387、2388、2448、2463、20295、2464、2468、2490、2493、2501、
 2502、2516、2517、2532、2550、20294、2560、2569、2570、2571、2574、
 2576、2584、2586、2587、2589、20293、2598、2614、2626、2630、2631、
 2637、2651、2653、2654、2655、2656、2660、2661、2662、2668、2679、2704
 2709、2722、2726、QFR、2733、BVR、2754、2919、2990、20276、20480、
 20482、21014、10097、3463、3482、QB-A、QB-B、AVR、60227IEC01 (BV)
 60227IEC02 (RV) 、 60227IEC05 (BV) 、 60227IEC06 (RV) 、
 60227IEC08(RV-90)、60227IEC52(RVV)、AVR、60227IEC53(RVV)、VDE WIR E
 HDT、FLRY、STT、GPT、TWP、FLRYW、FLRX、FLR9Y、FLRW、SGT、AV、
 EB、HEB、HDEB、AVS、CAVS、CAV、AVSSH、AVSX、AVXS、AVX、AVFX、
 EBX、HEBX、CAVUS、AVSS、AVF、QVR、GB.AV.300/300V、
 GB.RVS.300/300V、TVSSX、MTW、MTW/TEW 1015、MIL-W-76、16878/1C、
 16878/2C、16878/3C、16878/17B、H05V-K、H07V-K,and PVC TUBE

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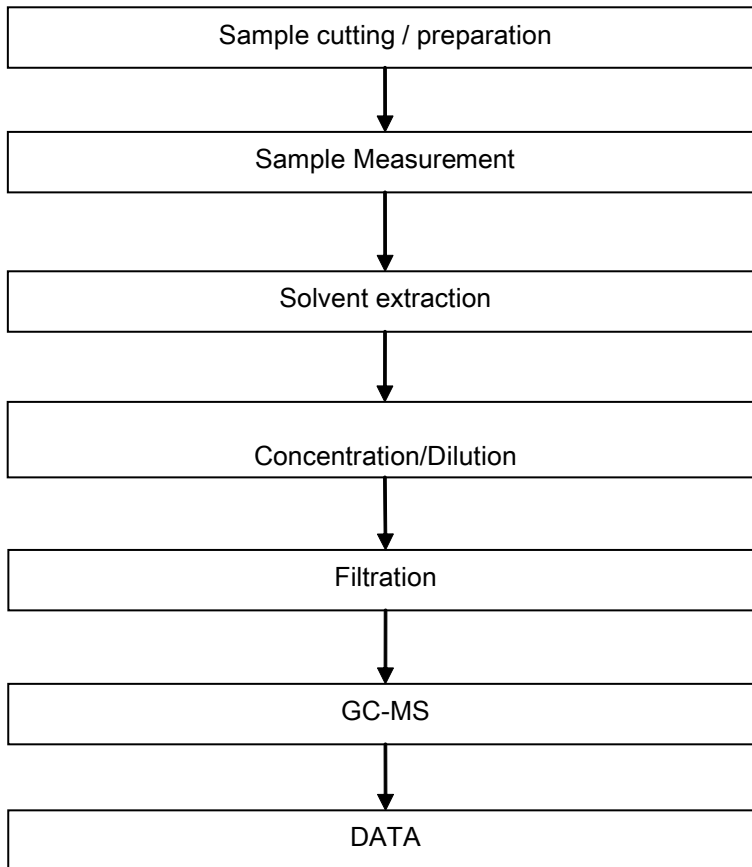
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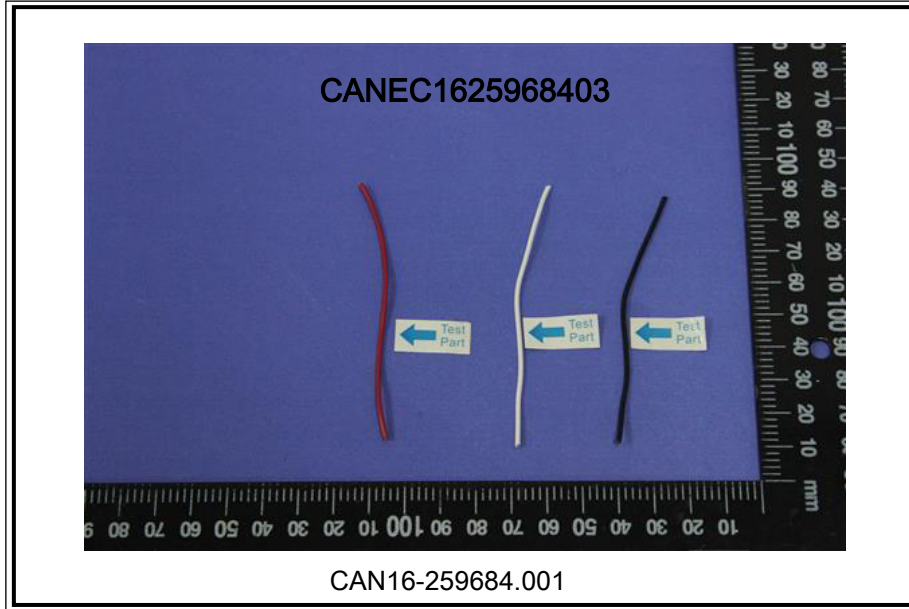
ATTACHMENTS

Phthalates Testing Flow Chart

- 1) Name of the person who made testing: Sunny Hu
- 2) Name of the person in charge of testing: Qiong Liu



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***