

### Test Report No. CANML1206051706 Date: 29 May 2012 Page 1 of 9

DONGGUAN YAOSHENG SILICON GEL MATERIAL TECHNOLOGY CO., LTD NO 18 CHANGSHENG DISTRICT, TIANMEI CUN, HUANGJIANG TOWN, DONGGUAN CITY, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : SILICON RUBBER YS-15

SGS Job No. :	SZML120501986 - SZ
Internal Reference No. :	7.2
Tested Sample Info. :	YS-172D
Client Ref. Info. :	See remark
Date of Sample Received :	17 May 2012
Testing Period :	17 May 2012 - 25 May 2012
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 Ltd.

Trophy Zhang Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	CAN12-060517.001	Translucent material

### Remarks :

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected ( < MDL )

(4) "-" = Not Regulated

### <u>Halogen</u>

Test Method : With reference to EN 14582: 2007, analysis was performed by Ion Chromatograph (IC).

<u>Unit</u>	MDL	<u>001</u>
mg/kg	50	ND
	mg/kg mg/kg mg/kg	mg/kg 50 mg/kg 50 mg/kg 50

### Phthalate

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

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Dibutyl Phthalate (DBP)	% (w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	% (w/w)	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	% (w/w)	0.003	ND
Diisononyl Phthalate (DINP)	% (w/w)	0.010	ND
Di-n-octyl Phthalate (DNOP)	% (w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	% (w/w)	0.010	ND

#### Notes :

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(1)DBP,BBP,DEHP Reference information: Entry 51 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.

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

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

### Polynuclear Aromatic Hydrocarbons (PAHs)

Test Method : With reference to ZEK 01.4-08 of German ZLS and its amendments, analysis was performed by GC-MS.

<u>Test Item(s)</u> Naphthalene(NAP)	<u>Unit</u> mg/kg	<u>MDL</u> 0.2	<u>001</u> 0.6
Acenaphthylene(ANY)	mg/kg	0.2	ND
Acenaphthene(ANA)	mg/kg	0.2	ND
Fluorene(FLU)	mg/kg	0.2	ND
Phenanthrene(PHE)	mg/kg	0.2	ND
Anthracene(ANT)	mg/kg	0.2	ND
Fluoranthene(FLT)	mg/kg	0.2	ND
Pyrene(PYR)	mg/kg	0.2	ND
Benzo(a)anthracene(BaA)	mg/kg	0.2	ND
Chrysene(CHR)	mg/kg	0.2	ND
Benzo(b)fluoranthene(BbF) + Benzo(j)fluoranthene(BjF)	mg/kg	0.4	ND

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<u>Test Item(s)</u> Benzo(k)fluoranthene(BkF)	<u>Unit</u> mg/kg	<u>MDL</u> 0.2	<u>001</u> ND	
Benzo(a)pyrene(BaP)	mg/kg	0.2	ND	
Benzo(e)pyrene(BeP)	mg/kg	0.2	ND	
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.2	ND	
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.2	ND	
Benzo(g,h,i)perylene(BPE)	mg/kg	0.2	ND	
Sum of 18 PAHs	mg/kg	-	0.6	

#### ZEK 01.4-08: Restraining maximum values for products

Parameter	Category 1	Category 2	Category 3
	Material indented to be put in the mouth or material for toys with normal skin contact for children aged < 36 months	Materials those are not included in Category 1, with predictable contact with the skin longer than 30 s. (long-term skin contact).	Materials those are not included in Category 1 or 2, with predictable skin contact up to 30 s (short-term skin contact).
Benzo(a)pyrene (mg/kg)	<0.2**	1	20
Sum of 18 PAH (mg/kg)*	<0.2**	10	200

Notes:

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\* = Only PAH substances >0.2 mg/kg are taken into account while calculating the sum of PAHs

\*\* = In case that the maximum values exceed the limits of category 1, but are within the limits of category 2, one may confirm the suitability of the tested material which is indented to be put in the mouth by additional specific migration tests of PAH components based on DIN EN 1186ff and §64 LFGB 80.30-1. The conclusion of the migration test results must be made based on food law criteria.



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Remark: Accessories 14

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> YS-105,YS-108,YS-111,YS-121,YS-131,YS-141,YS-151,YS-161,YS-171,YS-18 1,YS-191, YS-135, YS-145, YS-155, YS-165, YS-175, YS-185, YS-141A, YS-151A, YS-161A, YS-171A, YS-141D, YS-151D, YS-162D, YS-165D, YS-172D, YS-175D, YS-141J, YS-151J, YS-161J, YS-171J, YS-152G, YS-162G, YS-172G, YS-175G, YS-182G, YS-351G, YS-361G, YS-371G, YS-151S, YS-171TQ, YS-171QL#

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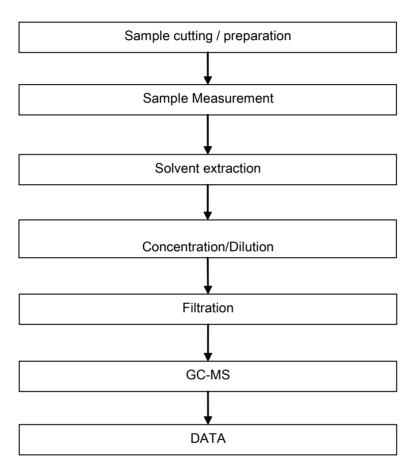
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## ATTACHMENTS

## PAHs Testing Flow Chart

1) Name of the person who made testing: Cutey Yu

2) Name of the person in charge of testing: Ryan Yang





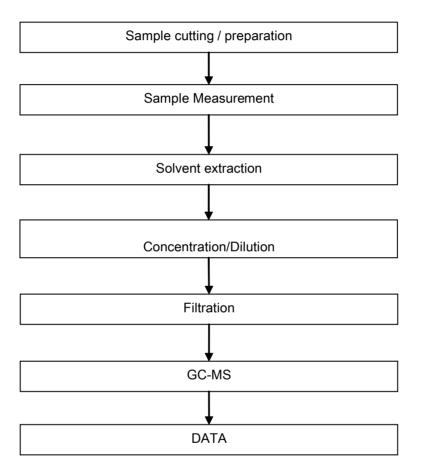
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## ATTACHMENTS

### Phthalates Testing Flow Chart

- 1) Name of the person who made testing: Tina Zhao
- 2) Name of the person in charge of testing: Ryan Yang



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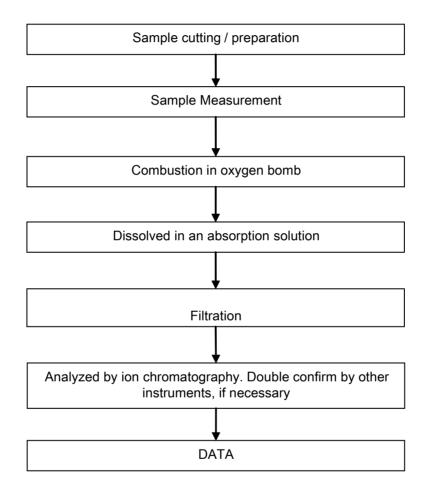
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## ATTACHMENTS

### Halogen Testing Flow Chart

1) Name of the person who made testing: Bob Song

2) Name of the person in charge of testing: Rain Qiao

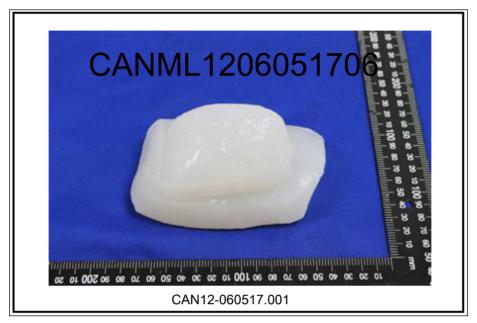






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Sample photo:



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