SHENZHEN CHEERMO INNOVATIVE ADHESIVE MATERIALS CO.,LTD /
KUNSHAN CHEERMO ELECTRONIC MATERIALS CO.,LTD
NO.2 XINFENG ROAD, TONFUYU INDUSTRIAL AREA,
FUYONG TOWN, BAOAN DISTRICT, SHENZHEN CITY /
NO 165,EAST GANGPU ROAD, ZHANGPU TOWN,
KUNSHAN CITY, JIANGSU PROVINCE, CHINA

The following samples were submitted and identified by/on behalf of the client as:

AL(F)/CF23/KS85W

SGS Ref. No.	:	CP18-016397
Requested Age Grading	:	CHILDREN
Sample Receiving Date	:	APR 04, 2018
Testing Period	:	APR 04, 2018 TO APR 10, 2018

Test Requested		**Conclusion**
1.	QSOP 0006-3600 (Rev. 4.00, 2017-11-06) – Heavy Elements in the specified specimen(s) as listed (Selected test items as specified by the applicant, please refer to test result page(s) for details)	PASS
2.	QSOP 0006-3610 (Rev. 2.00, 2017-02-09) – Phthalates in the specified specimen(s) as listed	PASS

******** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ********

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

Feng Shaohong, Jessica
Lab Manager

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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Results:

1. QSOP 0006-3600 (Rev. 4.00, 2017-11-06) - Heavy Elements

Method: As specified in QSOP 0006-3600 (Rev. 4.00, 2017-11-06)

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Direct Mercury Analyzer (DMA) / Gas Chromatography Mass Spectrometer (GC-MS)

Clause 2.3 - All Toys and Child Care Articles (including Non-Silkston Collectible Fashion Dolls Intended for Brazil)

Clause 2.3.1-Surface Coatings

All accessible surface coatings & all surface coatings on packaging intended to be retained

Test Item(s)		1 (ppm)	MDL (ppm)	Total Limit (ppm)	Soluble method 1 Limit (ppm)	Soluble method 2 Limit (ppm)
Total Aluminium	(Al)	ND	14000	--	70000	--
Total Antimony	(Sb)	ND	10	--	60	1000
Total Arsenic	(As)	ND	10	--	25	1000
Total Barium	(Ba)	32	10	--	1000	1000
Total Boron	(B)	ND	3000	--	15000	--
Total Cadmium	(Cd)	ND	5	75	17	1000
Total Chromium	(Cr)	ND	5	--	60	--
Soluble Chromium (VI)	(Cr(VI))	—	—	--	0.2	--
Total Cobalt	(Co)	ND	30	--	130	--
Total Copper	(Cu)	ND	1500	--	7700	--
Total Lead	(Pb)	ND	10	40	23	--
Total Manganese	(Mn)	ND	3000	--	15000	--
Total Mercury	(Hg)	ND	1	10	--	--
Total Nickel	(Ni)	ND	100	10000	930	--
Total Selenium	(Se)	ND	10	--	460	1000
Total Strontium	(Sr)	ND	10000	--	56000	--
Total Tin	(Sn)	ND	12	--	180000	--
Soluble Organic Tin	--	ND	0.5	--	12	--
Total Zinc	(Zn)	ND	9000	--	46000	--

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Member of the SGS Group (SGS SA)

Specimen Description:

1. White coating on paper label (Sticker)

Remark : No soluble content test is conducted in case of the total content results do not exceed relevant soluble limits, for Barium (Ba), total content results must not exceed 50% of the respective soluble limits, for Tin (Sn), total content results do not exceed 12 ppm.

Test Item(s)		Soluble Organic Tin Result(s) (ppm)	MDL (ppm)
		1	
Methyl tin	(MeT)	ND	0.5
Di-n-propyl tin	(DProT)	ND	0.5
Butyl tin	(BuT)	ND	0.5
Dibutyl tin	(DBT)	ND	0.5
Tributyl tin	(TBT)	ND	0.5
n-Octyl tin	(MOT)	ND	0.5
Tetrabutyl tin	(TeBT)	ND	0.5
Diphenyl tin	(DPhT)	ND	0.5
Di-n-octyl tin	(DOT)	ND	0.5
Triphenyl tin	(TPhT)	ND	0.5
Dimethyl tin	(DMT)	ND	0.5

Specimen Description:

1. White coating on paper label (Sticker)

Note:
- ppm = parts per million
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)
- — = Soluble Cr (VI) and soluble organic tin have not been conducted according to client's request.

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2. QSOP 0006-3610 (Rev. 2.00, 2017-02-09) - Phthalates Content

Method: With reference to CPSC-CH-C1001-09.3
Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Accessible Parts:

Test Item(s)	CAS No.	Result(s) (%)	MDL (%)
Specimen No.	--	**1**	
Alias No.	--	2	
Tracing No.	--	1	
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	0.003
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP)	84-75-3	ND	0.003
Di-n-pentyl phthalate (DPP/DPenP)	131-18-0	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	0.003
Total (DBP+BBP+DEHP+DINP+DNOP+DIDP)		ND	--
Conclusion (for QSOP3610 Requirement)		Pass	--

Specimen Description:

1. White coating on paper label (Sticker)

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Note:
- % = percentage by weight
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)
- Results shown as ND are ignored in the sum calculation

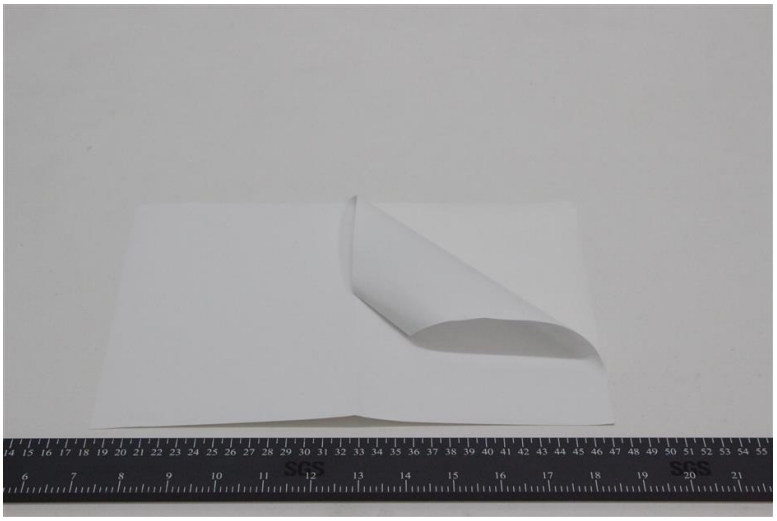
Remark: Summary of Permissible Limits of Requirements:

Requirements	Permissible Limit
QSOP 0006-3610 (Rev. 2.00, 2017-02-09)	
- Accessible Parts of Toys and Child Care Articles Intended to be Used Exclusively by Adult(e.g.power supply for an infant swing)	- DEHP, BBP, DBP, DIDP, DINP or DnHP < 0.1%
- All other accessible materials	- Total (DBP+BBP+DEHP+DINP+DNOP+DIDP) < 0.1% - DnHP < 0.1% - DIBP < 0.1% - DPP/ DPenP < 0.1% - DCHP < 0.1%
- All other inaccessible materials	- Total (DBP+BBP+DEHP) < 0.1% - DIBP < 0.1%
- Modeling Clay	- Total (DBP+BBP+DEHP+DINP+DNOP+DIDP) < 0.1% - DnHP < 0.01% - DIBP < 0.1% - DPP/ DPenP < 0.1% - DCHP < 0.1%

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Sample Photo:



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