



中国认可
国际互认
检测
TESTING
CNAS L1744

SHANTOU DAHENG TECHNOLOGY CO., LTD.

Technical Report: (8823)254-0017(B-R1)

Date Received: Sep 11, 2023

Oct 18, 2023

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SHANTOU DAHENG TECHNOLOGY CO., LTD.
NO. 10, WEST SECOND ROAD, OLD STATE ROAD, HUAINAN
VILLAGE, LIANXIA TOWN, CHENGHAI DISTRICT, SHANTOU
CITY, GUANGDONG PROVINCE, CHINA

Sample Description:	REMOTE CONTROL CAR	Sample Size:	7
Vendor:	N/A	Item No(s):	SEE ATTACHMENT
Manufacturer:	N/A	SKN/SKU No.:	NOT PROVIDE
Labeled Age Grade:	DH-290: 8 AGES, DH-190: FOR AGES 14 UP		
Appropriate Age Grade:	NOT REQUESTED	PO No.:	NOT PROVIDE
Client Specified Age Grade:	8+	Ref #:	NOT PROVIDE
Tested Age Grade:	OVER 8 YEARS OF AGE	Country of Origin:	NOT PROVIDE
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
Test Starting Date:	SEP 11, 2023	Test Finished Date:	OCT 18, 2023

EXECUTIVE SUMMARY:

Test Requested	Conclusion
(#)Mechanical hazards requirements of 16 CFR 1500, "Federal Hazardous Substances Act Regulations".	PASS
(#)Flammability requirements of 16 CFR 1500.3(c)(6)(vi), "Flammable solid" (FHSA regulations).	PASS

To be continued

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Lisa Bai

Lisa Bai
Analytical lab technical ass. manager



BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Tone Tang

Tone Tang
Physics Lab Assistant Supervisor

RT/ Carmen Xiong

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 89952999 Ext. 8175 CPSAnalytical.DG@bureauveritas.com

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EXECUTIVE SUMMARY:

Test Requested	Conclusion
Tracking label requirement of the Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking Labels for Children's Products.	PASS
(#)Lead content requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" (CPSC and CPSA regulations).	PASS
(#)Total lead content of 90ppm requirements in surface coating (Consumer Products Safety Improvement Act (CPSIA) of 2008).	PASS
(#)Total lead content of 100ppm requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).	PASS
Total lead content requirements in children products according to the California Proposition 65 settlements of Alameda Superior Court RG 07356892.	PASS
(#)BBP, DBP & DEHP content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) Prohibition On Sale of Certain Products Containing Specified Phthalates.	PASS
(#)DNOP, DIDP & DINP content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(b)(1) Prohibition On Sale of Certain Products Containing Specified Phthalates.	PASS
(#)Phthalates (BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP & DCHP) content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) and 108(c), 16 CFR 1307.	PASS
BBP, DBP, DEHP, DnHP and DIDP content requirements in toys, child care articles and watches according to the California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050.	PASS

Note: At the request of the client, the sample(s) was evaluated for use by children 8+.

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.

Note: Tests with (#) are accredited by CNAS.



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ATTACHMENT:

Item No(s):

DH-100 DH-200 DH-300 DH-400 DH-500 DH-600 DH-700 DH-800 DH-900 DH-110 DH-120
DH-130 DH-140 DH-150 DH-160 DH-170 DH-180 DH-190 DH-210 DH-220 DH-230 DH-240
DH-250 DH-260 DH-270 DH-280 DH-290 DH-310 DH-320 DH-330 DH-340 DH-350 DH-360
DH-370 DH-380 DH-390 DH-410 DH-420 DH-430 DH-440 DH-450 DH-460 DH-470 DH-480
DH-490 DH-510 DH-520 DH-530 DH-540 DH-550 DH-560 DH-570 DH-580 DH-590 DH-610
DH-620 DH-630 DH-640 DH-650 DH-660 DH-670 DH-680 DH-690 DH-710 DH-720 DH-730
DH-740 DH-750 DH-760 DH-770 DH-780 DH-790 DH-810 DH-820 DH-830 DH-840 DH-850
DH-860 DH-870 DH-880

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Red plastic	Car	-
I002	Blue plastic	Car	-
I003	Black plastic	Car	-
I004	Green plastic	Wheel	-
I005	Transparent red plastic	Car light	-
I006	Red soft plastic	Tire	-
I007	Blue soft plastic	Tire	-
I008	Grey soft plastic	Tire	-
I009	White soft plastic	Wire	-
I010	Green coating	Surface of car	-



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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-17, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.



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RESULTS:

PHYSICAL AND MECHANICAL HAZARDS (FHSA 16 CFR 1500)

Part	Requirement	Result
16 CFR 1500.47 & 1500.86(a)(6)	Sound Pressure Level – Toy Cap	N/A
16 CFR 1501	Small Parts	N/A
16 CFR 1500.49	Sharp Edges	N/A
16 CFR 1500.48	Sharp Points	N/A
16 CFR 1511	Pacifier	N/A
16 CFR 1510	Rattles	N/A
16 CFR 1500.18(a)(17)	Small Ball	N/A
16 CFR 1500.19	Small Objects, Small Balls, Marbles and Balloons	N/A
16 CFR 1500.86	Toy Caps	N/A
16 CFR 1500.14(b)(8)	Art Materials	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test

FLAMMABILITY (16 CFR SECTION 1500.3(c)(6)(vi))

Requirement	Test Method Reference	Findings
Burn rate no greater than 0.1 of an inch per second	16 CFR 1500.44	Most rapid burn rate less than 0.1 of an inch per second.



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RESULTS:

Total Lead Content – 16 CFR 1303, "Ban of Lead-containing paint and certain consumer products bearing Lead-containing paint"

Test Method : U.S. CPSC-CH-E1003-09.1:2011

Maximum Allowable Limit :	90 mg/kg
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Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
I010	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10

Remark:

- In some cases, the tested component cannot be tested individually due to overlapped coatings.



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RESULTS:

Total Lead Content in Surface Coating – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 101(f)

Test Method : U.S. CPSC-CH-E1003-09.1:2011

Maximum Allowable Limit :	90 mg/kg		
Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
I010	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10

Total Lead Content in Substrate Materials – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 101(a)(2)

Test Method : U.S. CPSC-CH-E1002-08.3:2012 and U.S. CPSC-CH-E1001-08.3:2012

Maximum Allowable Limit :	100 mg/kg		
Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
I001+I002+I003	ND	mg/kg	PASS
I004+I005	ND	mg/kg	PASS
I006+I007	ND	mg/kg	PASS
I008+I009	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10



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RESULTS:

Total Lead Content in Children Products (California Proposition 65 settlements of Alameda Superior court RG 07356892)

Test Method : EPA 3050B (Mod) / EPA 3051A (Mod)

Maximum Allowable Limit:	Type I	Paint and surface coatings: 90 mg/kg
	Type II	Substrate materials: 100 mg/kg

Test Item(s)	Type	Result	Unit	Conclusion
		Total Lead (Pb)		
I001+I002+I003	II	ND	mg/kg	PASS
I004+I005	II	ND	mg/kg	PASS
I006+I007	II	ND	mg/kg	PASS
I008+I009	II	ND	mg/kg	PASS
I010	I	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10

Remark:

CA65 Lead content are not accredited by CNAS.



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RESULTS:

Phthalates Content in Children's Toys and Childcare Articles – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) Prohibition On Sale of Certain Products Containing Specified Phthalates - BBP / DBP / DEHP Content

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Test Parameter:	BBP	DBP	DEHP	-
Limit (%):	0.1	0.1	0.1	-
Test Item(s)	Result (%)			Conclusion
I006+I007+I009	ND	ND	ND	PASS

Note / key:

BBP = Butyl benzyl phthalate

DBP = Dibutyl phthalate

DEHP = Di(2-ethylhexyl) phthalate

ND = Not detected

% = percent

10000 mg/kg = 1 %

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

Phthalates Content in Children's Toys and Childcare Articles – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(b)(1) Prohibition On Sale of Certain Products Containing Specified Phthalates - DNOP / DINP / DIDP Content

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Test Parameter:	DNOP	DINP	DIDP	-
Limit (%):	0.1	0.1	0.1	-
Test Item(s)	Result (%)			Conclusion
I006+I007+I009	ND	ND	ND	PASS

Note / key:

DNOP = Di-n-octyl phthalate

DINP = Di-iso-nonyl phthalate

DIDP = Di-iso-decyl phthalate

ND = Not detected

% = percent

10000 mg/kg = 1 %

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005



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RESULTS:

PHthalATES CONTENT IN CHILDREN'S TOYS AND CHILD CARE ARTICLES (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Test Parameter:	BBP	DBP	DEHP	DINP	DIBP	DPENP	DHEXP	DCHP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)								Conclusion
I006+I007+I009	ND	ND	ND	ND	ND	ND	ND	ND	PASS

Note / key:

DEHP = Di(2-ethylhexyl) phthalate

DHEXP(DnHP) = Di-n-hexyl phthalate

DPENP(DnPP) = Di-n-pentyl phthalate

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

DBP = Dibutyl phthalate

DIBP = Di-iso-butyl phthalate

DCHP = Dicyclohexyl phthalate

% = percent

BBP = Butyl benzyl phthalate

DINP = Di-iso-nonyl phthalate

10000 mg/kg = 1 %

BBP/DBP/DEHP/DnHP/DIDP Phthalates Content Requirements in Toys, Child Care Articles and Watches – California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Test Parameter:	BBP	DBP	DEHP	DnHP	DIDP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)					Conclusion
I006+I007+I009	ND	ND	ND	ND	ND	PASS

Note / key:

BBP = Butyl benzyl phthalate

DnHP = Di-n-hexyl phthalate

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

DBP = Dibutyl phthalate

DIDP = Di-iso-decyl phthalate

% = percent

DEHP = Di(2-ethylhexyl) phthalate

10000 mg/kg = 1 %

Remark:

California proposition 65 phthalates content are not accredited by CNAS.

This report is to Supersede BV(Dong guan) report No. (8823)254-0017 dated on Sep 19, 2023.

RESULTS:



END OF REPORT