



SGS United Kingdom Ltd.
Consumer Testing Services
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VERIFICATION OF COMPLIANCE

SGS United Kingdom A UKAS Accredited Test House

Client Name : LIYOU INDUSTRIAL CO., LTD
Test Report Number : T52410281524TY-01
Reference Number : WSZ-UK5241320022TY
Item Number : LY-8302
Sample Description : KIDS TOY SWIVEL CHAIR
Date of Issue : AUG 13, 2024

Applied Standards

	<u>Result</u>
1) EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and Physical Properties	<u>Pass</u>
2) EN 71-2:2020 – Safety of toys – Part 2: Flammability	<u>Pass</u>
3) Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 + A1:2021 – Migration of certain elements	<u>Pass</u>
4) EN 71-8: 2018 –Safety of Toys – Part 8: Activity Toys for Domestic Use	<u>Pass</u>
5) BS EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and Physical Properties	<u>Pass</u>
6) BS EN 71-2:2020 – Safety of toys – Part 2: Flammability	<u>Pass</u>
7) The Toys (Safety) Regulations 2011 (S.I. 2011 No.1881) & its Amendments (including S.I. 2022 No.659) & Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – BS EN 71-3:2019 + A1:2021 – Migration of certain elements	<u>Pass</u>
8) BS EN 71-8: 2018 –Safety of Toys – Part 8: Activity Toys for Domestic Use	<u>Pass</u>

This test report is to supersede test report No. T52410281524TY dated on MAY 14, 2024,
This verification of compliance must not be used without the attached reference test report.

Qu Ping, Kiky
Dept. Manager
SGS SHENZHEN



Nina Pratt
Senior Technologist
SGS UNITED KINGDOM LTD.

The report attached to this document has been checked and approved by SGS United Kingdom Ltd who holds a copy of the relevant documentation in its office. This document confirms test results by another SGS entity without SGS UK Ltd having done the testing itself. This document is issued by SGS UK Ltd. under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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LIYOU INDUSTRIAL CO., LTD

YANGWAN INDUSTRIAL ZONE QIAOXIA TOWN YONGJIA COUNTY,ZHEJIANG,CHINA

This report supersedes all the previous documents bearing the test report number T52410281524TY

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

KIDS TOY SWIVEL CHAIR

Item No. : LY-8302
Supplier : LIYOU INDUSTRIAL CO., LTD
Manufacturer : LIYOU INDUSTRIAL CO., LTD
Manufacturer Address : YANGWAN INDUSTRIAL ZONE QIAOXIA TOWN
YONGJIA COUNTY,ZHEJIANG,CHINA
Country of Origin : CHINA
Labeled Age Grading : 3YRS +
Requested Age Grading : 3YRS +

SGS Ref. No. : SDHL2404005967FT, GZHL2407028844IP
Age Group Assessed by SGS As Per Age : OVER 3 YEARS
Guideline
Age Group Applied in Testing : OVER 3 YEARS
Sample Receiving Date : APR 18, 2024
Last Submission Sample Date : JUL 05, 2024
Further Information Date : AUG 09, 2024
Testing Period : APR 18, 2024 TO AUG 04, 2024



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Selected test(s) as requested by the client, please refer to test result page(s) for details:

Test Requested		Conclusion
1.	For compliance with the European standard on Safety of toys:-	--
	EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS
	EN 71-2: 2020 – Safety of toys – Part 2: Flammability	PASS
	Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys	SEE RESULT
	Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 + A1:2021 – Migration of certain elements	PASS
2.	For compliance with the European standard on Safety of toys:-	--
	EN 71-8: 2018 –Safety of Toys – Part 8: Activity Toys for Domestic Use	PASS
3.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 & The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019 No.758) & its amendments (including S.I. 2020 No.1577) – Phthalates content	PASS
4.	For compliance with the British Standard on Safety of toys:-	--
	BS EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS
	BS EN 71-2:2020 – Safety of toys – Part 2: Flammability	PASS
	Labeling requirement (Washing/Cleaning Label, UKCA marking or CE marking, importer/manufacturer name and address, product identification) for the market of Great Britain (England, Wales and Scotland) with reference to the Toys (Safety) Regulations 2011	SEE RESULT
	The Toys (Safety) Regulations 2011 (S.I. 2011 No.1881) & its Amendments (including S.I. 2022 No.659) & Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – BS EN / EN 71-3:2019 + A1:2021 – Migration of certain elements	PASS



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Test Requested		Conclusion
5.	For compliance with the British standard on Safety of toys:-	--
	BS EN 71-8: 2018 –Safety of Toys – Part 8: Activity Toys for Domestic Use	PASS
6.	For compliance with the test requirement of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety.	--
	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
7.	For compliance with the test requirement of ASTM F963-23 Standard Consumer Safety Specification on Toy Safety.	--
	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety	PASS
8.	For compliance with test requirement of the Physical & Mechanical, Flammability test requirement of Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A	--
	Physical and mechanical tests consisting US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 and US CPSC 16 CFR 1501: -US CPSC 16 CFR 1500.48 – Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of ages -US CPSC 16 CFR 1500.49 – Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age -US CPSC 16 CFR 1501 – Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts	PASS
	US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids	PASS
9.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	PASS
10.	Tracking label per 15 U.S.C. § 2063(a)(5) and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	PASS



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Test Requested		Conclusion
11.	US CPSC 16 CFR 1130 Requirements for Consumer Registration of Durable Infant or Toddler products	PASS
12.	CPSIA section 101 - Total Lead content	--
	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
13.	US 16 CFR Part 1307 – Phthalates	PASS
14.	Public Act 097-0612 of the US State of Illinois, the Lead Poisoning Prevention Act – Lead in surface coating materials of painted toy / children's jewelry / childcare article	PASS
15.	US California Proposition 65 – Lead Content	PASS
16.	US California Proposition 65 – Phthalates Content	PASS
17.	ASTM F2613–22	PASS
18.	For compliance with the test requirement of Toys Regulations (SOR/2011-17) of Canada Consumer Product Safety Act (S.C.2010, c. 21).	--
	Toys Regulations SOR/2011-17 of Canada Consumer Product Safety Act (S.C.2010, c. 21). (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2022-122)	PASS
19.	Canada Consumer Product Safety Act (S.C. 2010, c. 21), Consumer Products Containing Lead Regulations, SOR/2018-83 – Total Lead content	PASS



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Test Requested		Conclusion
20.	Canada Surface Coating Materials Regulations (SOR/2016-193) (Including amendments SOR/2022-122) – Lead Content	PASS
21.	Canada Phthalates Regulation (SOR/2016-188) (formerly restricted under SOR/2010-298) – Phthalates content	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

Sun Enxu, Aaron
Dept. Manager

Jia Fengjuan, Shelly
Dept. Manager

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Results:

EUROPEAN STANDARD ON SAFETY OF TOYS

EN 71-1:2014 + A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1:2014 + A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

Clause	Description	Result
4	General Requirements	
4.1	Materials cleanliness	PASS
4.2	Assembly	PASS
4.7	Edges	PASS
4.8	Points and Metallic Wires	PASS
4.15	Toys intended to bear the mass of a child	
4.15.4	Toys not propelled by a child	PASS
7	Warnings, markings and instructions for use	
	Only English warnings were checked for the clause 7.	
7.1	General	PASS
	Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects: a) Emphasising the warning b) Contrast, background and colours c) Reflecting surfaces and obscuring material d) Font type e) Font size f) Logical direction of text For more details, see EN 71-1.	
7.2	Toys not intended for children under 36 months	N/A
	According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.	



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EN 71-2: 2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2: 2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Type of gas: Butane gas used in the test burner

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements	PASS

LABELING REQUIREMENT (WASHING/CLEANING LABEL, CE MARK, IMPORTER / MANUFACTURER MARK (NAME, ADDRESS), PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014+A1:2018 AND THE DIRECTIVE 2009/48/EC-SAFETY OF TOYS

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not Applicable	----
CE mark	Present	Packaging
Importer's Name & Address	Present	Toy & Packaging
Manufacturer's Name & Address	Present	Toy & Packaging
Product ID	Present	Toy & Packaging

Note:

- According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soak washable."
- CE marking should be visible from outside the packaging and its height must be at least 5mm.
- Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
- Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.



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Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019+A1:2021 – Migration of certain elements

Category III: Scraped-off toy material

Method: With reference to EN 71-3:2019+A1:2021. Analysis of general elements was performed by ICP-OES / Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis or LC-ICP-MS / organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	1	2	3	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	4	5	6	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	7	8	9	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	10	11	12	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	137	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	616	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	222	50	46000



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Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	13	14	--	--
Mass of trace amount (mg)	/	68.4	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	50	46000



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Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	15	16	--	--
Mass of trace amount (mg)	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	161	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	548	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	1	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	1	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	4.1	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	257	ND	50	46000



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Specimen Description:

1. Black soft plastic (Pad)
2. Grey plastic (Seat)
3. Light blue plastic (Seat)
4. Purple plastic (Seat)
5. Light green plastic (Seat)
6. Dark pink plastic (Seat)
7. Blue plastic (Seat)
8. Green plastic (Seat)
9. Yellow plastic (Seat)
10. Brown plastic (Seat)
11. Orange plastic (Seat)
12. Grey coating on metal (Holder)
13. White plastic label (Sticker)
14. Red w/ blue coating on plastic label (Sticker)
15. Black coating on metal (Holder)
16. Red plastic (Seat)

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - + Soluble Chromium is not restricted by EN 71-3:2019+A1:2021, results shown only for reference

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * = Exceeds Permissible Limit



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EN 71-8:2018

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN 71 PART 8: 2018 ACTIVITY TOYS FOR DOMESTIC USE.

Clauses Relevant to Sample.

Clause	Description	Results
4	Requirements	
4.1	General	
4.1.1	Assembly	PASS
4.1.2	Static strength	PASS
4.1.3	Maximum height	PASS
4.1.4	Corners and edges	PASS
4.1.5	Protruding parts	PASS
4.1.7	Water accumulation	PASS
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	
4.4.1	General	PASS
4.4.2	Stability of activity toys with a free height of fall of 600mm or less	PASS
5	Warnings, markings, and instructions	
5.1	Warnings and markings	PASS
5.2	Assembly and installation instructions	PASS
5.3	Maintenance	PASS



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European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 & The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019 No.758) & its amendments (including S.I. 2020 No.1577) – Phthalate content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Materials can be placed in the mouth for toys & childcare articles

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	1	1	1		
Tracing No.	--	1	2	3		
Specimen No.	--	1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	ND	ND	--	0.1



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Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	1	1		
Tracing No.	--	4	6		
Specimen No.	--	4	5		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	ND	--	0.1

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	1	1		
Tracing No.	--	7	8		
Specimen No.	--	6	7		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	ND	--	0.1



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Specimen Description:

1. Black soft plastic (Pad) + Grey plastic (Seat)
2. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)
3. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)
4. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)
5. White plastic label w/ red, blue coating (Sticker)
6. Red plastic (Seat)
7. Black coating on metal (Holder)

Note: - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - % = percentage by weight

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible Limit



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BRITISH STANDARD ON SAFETY OF TOYS

BS EN 71-1:2014+A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN BS EN 71-1:2014+A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

Clause	Description	Result
4	General Requirements	
4.1	Materials cleanliness	PASS
4.2	Assembly	PASS
4.7	Edges	PASS
4.8	Points and Metallic Wires	PASS
4.15	Toys intended to bear the mass of a child	
4.15.4	Toys not propelled by a child	PASS
7	Warnings, markings and instructions for use	
7.1	General	PASS
	Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects: a) Emphasising the warning b) Contrast, background and colours c) Reflecting surfaces and obscuring material d) Font type e) Font size f) Logical direction of text For more details, see EN 71-1.	
7.2	Toys not intended for children under 36 months	N/A

BS EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN BS EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Type of gas: Butane gas used in the test burner

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements	PASS



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The Toys (Safety) Regulations 2011 (S.I. 2011 No.1881) & its Amendments (including S.I. 2022 No.659) & Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – BS EN / EN 71-3:2019+A1:2021 – Migration of certain elements

Category III: Scraped-off toy material

Method: With reference to BS EN / EN 71-3:2019+A1:2021. Analysis of general elements was performed by ICP-OES / Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis or LC-ICP-MS / organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	1	2	3	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	4	5	6	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	7	8	9	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	10	11	12	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	137	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	616	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	222	50	46000



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Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	13	14	--	--
Mass of trace amount (mg)	/	68.4	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	50	46000



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Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	15	16	--	--
Mass of trace amount (mg)	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	161	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	548	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	1	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	1	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	4.1	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	257	ND	50	46000

Specimen Description:

1. Black soft plastic (Pad)
2. Grey plastic (Seat)
3. Light blue plastic (Seat)
4. Purple plastic (Seat)
5. Light green plastic (Seat)
6. Dark pink plastic (Seat)
7. Blue plastic (Seat)
8. Green plastic (Seat)



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Specimen Description:

9. Yellow plastic (Seat)
10. Brown plastic (Seat)
11. Orange plastic (Seat)
12. Grey coating on metal (Holder)
13. White plastic label (Sticker)
14. Red w/ blue coating on plastic label (Sticker)
15. Black coating on metal (Holder)
16. Red plastic (Seat)

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - * Soluble Chromium is not restricted by BS EN / EN 71-3:2019+A1:2021, results shown only for reference

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * Exceeds Permissible Limit



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LABELING REQUIREMENT (WASHING/CLEANING LABEL, UKCA MARKING OR CE MARKING, IMPORTER/MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) FOR THE MARKET OF GREAT BRITAIN (ENGLAND, WALES AND SCOTLAND) WITH REFERENCE TO THE TOYS (SAFETY) REGULATIONS 2011

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not Applicable	----
UKCA marking or CE marking	Present	Packaging
Importer's Name & Address	Present	Toy & Packaging
Manufacturer's Name & Address	Present	Toy & Packaging
Product ID	Present	Toy & Packaging

Note:

1. A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soaked.
2. The UKCA marking should be affixed visibly, legibly and indelibly. UKCA marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other information enabling the toy to be identified, or where the size or nature of the toy precludes the information from being marked on the toy that the required information is provided on the packaging or in a document accompanying the toy.
5. Until 31 December 2027, the UKCA marking may be affixed to a document accompanying the toy. Where toys are too small or consist of small parts, the UKCA marking may be affixed to a label which is not affixed to the toy or a leaflet which accompanies the toy.
6. Until 31 December 2027, for the importers who imported the toy from an EEA state or Switzerland, are temporarily permitted to indicate their name, registered trade name or registered trade mark and a postal address on the toy's packaging or in a document accompanying the toy, instead of on the toy itself.
7. Until 11pm 31 December 2024, toys conforming to EU rules, including the CE marking, may be placed on the market of Great Britain. And on 24 January 2024, the UK government announced that it intends to legislate to continue recognition of EU requirements, including the CE marking, indefinitely for a range of product regulations in spring 2024.



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BS EN 71-8:2018

AS SPECIFIED IN BRITISH STANDARD ON SAFETY OF TOYS BS EN 71 PART 8: 2018 ACTIVITY TOYS FOR DOMESTIC USE.

Clauses Relevant to Sample.

Clause	Description	Results
4	Requirements	
4.1	General	
4.1.1	Assembly	PASS
4.1.2	Static strength	PASS
4.1.3	Maximum height	PASS
4.1.4	Corners and edges	PASS
4.1.5	Protruding parts	PASS
4.1.7	Water accumulation	PASS
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	
4.4.1	General	PASS
4.4.2	Stability of activity toys with a free height of fall of 600mm or less	PASS
5	Warnings, markings, and instructions	
5.1	Warnings and markings	PASS
5.2	Assembly and installation instructions	PASS
5.3	Maintenance	PASS



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ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY
AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

Clause	Description	Result
4	Safety Requirements	
4.1	Material Quality **	PASS
4.2	Flammability Test	PASS (See Result Page)
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	PASS (See Result Page)
4.3.5.2	Heavy Metal in Substrate Materials	PASS (See Result Page)
4.6.1	Small Objects	N/A
4.6.2	Mouth-Actuated Toys	N/A
4.6.3	Labelling Requirements	N/A (See Remark)
	Remark: The toy does not contain as-received small part.	
4.7	Accessible Edges	PASS
4.9	Accessible Points	PASS
4.11	Nails and Fasteners	PASS
4.15	Stability and Over-Load Requirements	PASS
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	PASS
5.16	Promotional Materials	PASS
7	Producer's Markings	
7.1	Producer's Markings	PASS
8.5	Normal Use Testing	PASS
8.7	Impact Test	PASS
8.8	Torque Test	PASS
8.9	Tension Test	PASS
8.10	Compression Test	PASS



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Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample	Burning Rate (inch/sec)
See sample description	DNI

Requirement:

A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

ASTM F963-17, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 / ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)	Lead (Pb)		
MDL (ppm)	10		
Total Limit (ppm)	90		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Grey coating on metal (Holder)	9	1	ND
2. Red w/ blue coating on plastic label (Sticker)	9	2	ND
3. Black coating on metal (Holder)	01T-5	1	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm)				90	60	25	1000	75	60	60	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	24	12	/	ND	ND	ND	431	ND	ND	ND	ND
2	24	14	68.4	ND	ND	ND	ND	ND	ND	ND	ND
3	01T-3	1	/	ND	ND	ND	383	ND	ND	ND	ND

Specimen Description:

1. Grey coating on metal (Holder)
2. Red w/ blue coating on plastic label (Sticker)
3. Black coating on metal (Holder)

Note:

- ppm = parts per million
- 1% = 10000 mg/kg = 10000 ppm =10000 µg/g
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit



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ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method: With reference to CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3 / ASTM F963-17 Clause 8.3 / CPSC-CH-E1004-11

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS)

Total Lead Content

Test Item(s)			Lead (Pb)
MDL (ppm)			10
Total Limit (ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Silvery metal solder	3	1	ND
2. Silvery metal round tube (Base)	5	1	ND
3. Silvery metal flat tube (Support)	5	2	ND
4. Silvery metal round piece (Under seat)	5	3	ND
5. Silvery metal funnel-shaped piece (Under seat)	5	4	ND
6. Silvery metal thin tube (Under seat)	5	5	ND
7. Silvery metal sleeve (Bearing container)	5	6	ND
8. Silvery metal outer ring (Bearing)	5	7	ND
9. Silvery metal sealing ring (Bearing)	5	8	ND
10. Silvery metal bolt (Bearing fixing)	5	9	ND
11. Silvery metal screw (Under seat)	5	10	ND
12. Silvery metal rivet (Pad)	5	11	ND
13. Black soft plastic (Pad) + Grey plastic (Seat)	15	1	ND
14. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)	15	2	ND
15. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)	15	3	ND
16. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)	15	4	ND
17. White plastic label (Sticker)	15	5	ND
18. Red plastic (Seat)	01T-4	1	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm) -- Other Than Modeling Clays				90	60	25	1000	75	60	60	500
Migration Limit (ppm) -- Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	24	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	24	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	24	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	24	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	24	5	/	ND	ND	ND	ND	ND	ND	ND	ND
6	24	6	/	ND	ND	ND	ND	ND	ND	ND	ND
7	24	7	/	ND	ND	ND	ND	ND	ND	ND	ND
8	24	8	/	ND	ND	ND	ND	ND	ND	ND	ND
9	24	9	/	ND	ND	ND	ND	ND	ND	ND	ND
10	24	10	/	ND	ND	ND	ND	ND	ND	ND	ND
11	24	11	/	ND	ND	ND	ND	ND	ND	ND	ND
12	24	13	/	ND	ND	ND	ND	ND	ND	ND	ND
13	01T-3	2	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Black soft plastic (Pad)
2. Grey plastic (Seat)
3. Light blue plastic (Seat)
4. Purple plastic (Seat)
5. Light green plastic (Seat)
6. Dark pink plastic (Seat)
7. Blue plastic (Seat)
8. Green plastic (Seat)
9. Yellow plastic (Seat)
10. Brown plastic (Seat)
11. Orange plastic (Seat)
12. White plastic label (Sticker)
13. Red plastic (Seat)



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- Note:
- ppm = parts per million
 - µg/component = microgramme per component
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- ^Δ Test result is over recommended action limit (80% of the regulatory limit). As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit



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ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

Clause	Description	Result
4	Safety Requirements	
4.1	Material Quality **	PASS
4.2	Flammability Test	PASS (See Result Page)
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	PASS (See Result Page)
4.3.5.2	Heavy Metal in Substrate Materials	PASS (See Result Page)
4.3.8	Phthalates	PASS (See Result Page)
4.6.1	Small Objects	N/A
4.6.2	Mouth-actuated Toys	N/A
4.6.3	Labelling Requirements	N/A (See Remark)
	Remark: The toy does not contain as-received small part.	
4.7	Accessible Edges	PASS
4.9	Accessible Points	PASS
4.11	Nails and Fasteners	PASS
4.15	Stability and Over-load Requirements	PASS
5	Labeling Requirements	
5.1	Federal Government Requirements	
5.1.1	Specific Labeling Requirement	See Remark
	(Remark: All toys that fall within the definitions and requirements of the U.S. FHSA shall conform to the labeling requirement of that act. For specific requirements, reference 16 CFR 1500.3, 1500.14, 1500.19, 1500.82, 1500.83, 1500.86, 1500.121, 1500.122, 1500.123, 1500.125, 1500.126, 1500.127, 1500.128, 1500.130, 1505.3, and 1511.7. In addition, state labeling requirements may exist.)	
5.1.2	Tracking Label	PASS
5.2	Age Grading Labeling	PASS
5.15	Promotional Materials	PASS



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Clause	Description	Result
7	Producer's Markings	
7.1	Producer's Markings	PASS
8.5	Normal Use Testing	PASS
8.7	Impact Test	PASS
8.8	Torque Test	PASS
8.9	Tension Test	PASS
8.10	Compression Test	PASS

Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample	Burning Rate (inch/sec)
See sample description	DNI

Requirement:

A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

ASTM F963-23, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 / ASTM F963-23 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)	Lead (Pb)		
MDL (ppm)	10		
Total Limit (ppm)	90		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Grey coating on metal (Holder)	10	1	ND
2. Red w/ blue coating on plastic label (Sticker)	10	2	ND
3. Black coating on metal (Holder)	01T-9	1	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm)				90	60	25	1000	75	60	60	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	25	12	/	ND	ND	ND	431	ND	ND	ND	ND
2	25	14	68.4	ND	ND	ND	ND	ND	ND	ND	ND
3	01T-7	1	/	ND	ND	ND	383	ND	ND	ND	ND

Specimen Description:

1. Grey coating on metal (Holder)
2. Red w/ blue coating on plastic label (Sticker)
3. Black coating on metal (Holder)

Note:

- ppm = parts per million
- 1% = 10000 mg/kg = 10000 ppm =10000 µg/g
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit



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ASTM F963-23, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method: With reference to CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3 / ASTM F963-23 Clause 8.3 / CPSC-CH-E1004-11

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS)

Total Lead Content

Test Item(s)			Lead (Pb)
MDL (ppm)			10
Total Limit (ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Silvery metal solder	4	1	ND
2. Silvery metal round tube (Base)	6	1	ND
3. Silvery metal flat tube (Support)	6	2	ND
4. Silvery metal round piece (Under seat)	6	3	ND
5. Silvery metal funnel-shaped piece (Under seat)	6	4	ND
6. Silvery metal thin tube (Under seat)	6	5	ND
7. Silvery metal sleeve (Bearing container)	6	6	ND
8. Silvery metal outer ring (Bearing)	6	7	ND
9. Silvery metal sealing ring (Bearing)	6	8	ND
10. Silvery metal bolt (Bearing fixing)	6	9	ND
11. Silvery metal screw (Under seat)	6	10	ND
12. Silvery metal rivet (Pad)	6	11	ND
13. Black soft plastic (Pad) + Grey plastic (Seat)	16	1	ND
14. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)	16	2	ND
15. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)	16	3	ND
16. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)	16	4	ND
17. White plastic label (Sticker)	16	5	ND
18. Red plastic (Seat)	01T-8	1	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm) -- Other Than Modeling Clays				90	60	25	1000	75	60	60	500
Migration Limit (ppm) -- Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	25	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	25	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	25	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	25	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	25	5	/	ND	ND	ND	ND	ND	ND	ND	ND
6	25	6	/	ND	ND	ND	ND	ND	ND	ND	ND
7	25	7	/	ND	ND	ND	ND	ND	ND	ND	ND
8	25	8	/	ND	ND	ND	ND	ND	ND	ND	ND
9	25	9	/	ND	ND	ND	ND	ND	ND	ND	ND
10	25	10	/	ND	ND	ND	ND	ND	ND	ND	ND
11	25	11	/	ND	ND	ND	ND	ND	ND	ND	ND
12	25	13	/	ND	ND	ND	ND	ND	ND	ND	ND
13	01T-7	2	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Black soft plastic (Pad)
2. Grey plastic (Seat)
3. Light blue plastic (Seat)
4. Purple plastic (Seat)
5. Light green plastic (Seat)
6. Dark pink plastic (Seat)
7. Blue plastic (Seat)
8. Green plastic (Seat)
9. Yellow plastic (Seat)
10. Brown plastic (Seat)
11. Orange plastic (Seat)
12. White plastic label (Sticker)
13. Red plastic (Seat)



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- Note:
- ppm = parts per million
 - µg/component = microgramme per component
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- ^Δ Test result is over recommended action limit (80% of the regulatory limit). As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit



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Standard Consumer Safety Specification on Toy Safety, ASTM F963-23, Clause 4.3.8 – Phthalate Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Specimen No.	--	1	2	3		
Alias No.	--	19	19	19		
Tracing No.	--	1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003	0.1

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Specimen No.	--	4	5	6		
Alias No.	--	19	19	19		
Tracing No.	--	4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003	0.1

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Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Specimen No.	--	7	8		
Alias No.	--	01T-15	01T-15		
Tracing No.	--	1	2		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003	0.1

Specimen Description:

1. Black soft plastic (Pad) + Grey plastic (Seat)
2. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)
3. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)
4. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)
5. Grey coating on metal (Holder)
6. White plastic label w/ red, blue coating (Sticker)
7. Red plastic (Seat)
8. Black coating on metal (Holder)



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- Note:
- % = percentage by weight
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible Limit

US CPSC

PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501
AS SPECIFIED IN PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

	No. of sample tested	Sharp point (16 CFR 1500.48)	Sharp edge (16 CFR 1500.49)	Small part (16 CFR 1501)
As received	10	Pass	Pass	N/A
Impact test (16 CFR 1500.53b)	10	Pass	Pass	N/A
Bite test (16 CFR 1500.52c)	0	N/A	N/A	N/A
Flexure test (16 CFR 1500.53d)	0	N/A	N/A	N/A
Torque test (16 CFR 1500.53e)	10	Pass	Pass	N/A
Tension test (16 CFR 1500.53f)	10	Pass	Pass	N/A
Compression test (16 CFR 1500.53g)	10	Pass	Pass	N/A



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US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

AS SPECIFIED IN US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

Sample	Burning Rate (inch/sec)
See sample description	DNI

Requirement:

A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)			Lead (Pb)
Permissible Limit (ppm)			90
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Grey coating on metal (Holder)	11	1	ND
2. Red w/ blue coating on plastic label (Sticker)	11	2	ND
3. Black coating on metal (Holder)	01T-6	1	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where “Pass” or “Fail” cannot be truly defined, “Interim-Fail” is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit



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As specified in 15 U.S.C. § 2063(a)(5) and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label on the packaging: Present
- Tracking label on the product: Present

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

US CPSC 16 CFR 1130 Requirements for Consumer Registration of Durable Infant or Toddler products

Clauses Relevant to Sample.

Clause	Description	Results
16CFR 1130.4	Identification on the product	PASS
16CFR 1130.5	Requirement for registration forms	PASS
16CFR 1130.6	Requirement for format and text of registration forms	PASS
16CFR 1130.7	Requirement for Web site registration or alternative e-mail registration.	PASS



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CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)			Lead (Pb)
Permissible Limit (ppm)			90
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Grey coating on metal (Holder)	12	1	ND
2. Red w/ blue coating on plastic label (Sticker)	12	2	ND
3. Black coating on metal (Holder)	01T-11	1	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit



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CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)			Lead (Pb)
Permissible Limit (ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Silvery metal solder	1	1	ND
2. Silvery metal round tube (Base)	7	1	ND
3. Silvery metal flat tube (Support)	7	2	ND
4. Silvery metal round piece (Under seat)	7	3	ND
5. Silvery metal funnel-shaped piece (Under seat)	7	4	ND
6. Silvery metal thin tube (Under seat)	7	5	ND
7. Silvery metal sleeve (Bearing container)	7	6	ND
8. Silvery metal outer ring (Bearing)	7	7	ND
9. Silvery metal sealing ring (Bearing)	7	8	ND
10. Silvery metal bolt (Bearing fixing)	7	9	ND
11. Silvery metal screw (Under seat)	7	10	ND
12. Silvery metal rivet (Pad)	7	11	ND
13. Black soft plastic (Pad) + Grey plastic (Seat)	17	1	ND
14. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)	17	2	ND
15. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)	17	3	ND
16. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)	17	4	ND
17. White plastic label (Sticker)	17	5	ND
18. Red plastic (Seat)	01T-10	1	ND



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- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- ^Δ Test result is over recommended action limit (80% of the regulatory limit). As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibly fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit



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US 16 CFR Part 1307 – Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	20	20	20		
Tracing No.	--	1	2	3		
Specimen No.	--	1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003	0.1

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	20	20	20		
Tracing No.	--	4	5	6		
Specimen No.	--	4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003	0.1



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Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	01T-16	01T-16		
Tracing No.	--	1	2		
Specimen No.	--	7	8		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003	0.1

Specimen Description:

1. Black soft plastic (Pad) + Grey plastic (Seat)
2. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)
3. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)
4. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)
5. Grey coating on metal (Holder)
6. White plastic label w/ red, blue coating (Sticker)
7. Red plastic (Seat)
8. Black coating on metal (Holder)



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- Note:
- % = percentage by weight
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm

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- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible Limit

Public Act 097-0612 of the US State of Illinois, the Lead Poisoning Prevention Act - Lead in Surface Coating Materials of Painted Toy / Children's Jewelry / Childcare Article

Method (coating materials): With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)			Lead (Pb)
MDL (ppm)			10
Permissible Limit (ppm)			90
Warning Limit (ppm)			40 [#]
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Grey coating on metal (Holder)	13	1	ND
2. Red w/ blue coating on plastic label (Sticker)	13	2	ND
3. Black coating on metal (Holder)	01T-12	1	ND



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- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - # = Effective 1 January, 2010, total Lead content in any surface coating materials of toy, children's jewelry and childcare article that is more than 40ppm but lower than 90ppm should bear the following warning statement on the product or the packaging to indicate the product contains Lead.

**WARNING: CONTAINS LEAD.
MAYBE HARMFUL IF EATEN OR CHEWED.
COMPLIES WITH FEDERAL STANDARDS.**

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit
- ^ Warning statement required



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US California Proposition 65 – Total Lead Content

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Test Item(s)	Lead (Pb)		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Silvery metal solder	2	1	ND
2. Silvery metal round tube (Base)	8	1	ND
3. Silvery metal flat tube (Support)	8	2	ND
4. Silvery metal round piece (Under seat)	8	3	ND
5. Silvery metal funnel-shaped piece (Under seat)	8	4	ND
6. Silvery metal thin tube (Under seat)	8	5	ND
7. Silvery metal sleeve (Bearing container)	8	6	ND
8. Silvery metal outer ring (Bearing)	8	7	ND
9. Silvery metal sealing ring (Bearing)	8	8	ND
10. Silvery metal bolt (Bearing fixing)	8	9	ND
11. Silvery metal screw (Under seat)	8	10	ND
12. Silvery metal rivet (Pad)	8	11	ND
13. Grey coating on metal (Holder)	14	1	ND
14. Red w/ blue coating on plastic label (Sticker)	14	2	ND
15. Black soft plastic (Pad) + Grey plastic (Seat)	18	1	ND
16. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)	18	2	ND
17. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)	18	3	ND
18. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)	18	4	ND
19. White plastic label (Sticker)	18	5	ND
20. Red plastic (Seat)	01T-13	1	ND
21. Black coating on metal (Holder)	01T-14	1	ND



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- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit =10 ppm
 - 1% = 10000mg/kg=10000ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceed Permissible Limit

Remark: Summary of permissible limit(s) of Lead requirement otherwise warning label required.

Requirement(s)	Permissible Limit of Lead (ppm)
California Proposition 65 (ACSC Case No. RG-07-356892)	90
Surface Coating	100
Accessible substrate	100

California Prop 65 - Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (%)			MDL (%)
Specimen No.	--	1	2	3	
Alias No.	--	21	21	21	
Tracing No.	--	1	2	3	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	0.003
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003
Di-"isononyl" phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010
Di-"isodecyl" phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)			MDL (%)
Specimen No.	--	4	5	6	
Alias No.	--	21	21	21	
Tracing No.	--	4	5	6	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	0.003
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003
Di-"isononyl" phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010
Di-"isodecyl" phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003

Test Item(s)	CAS No.	Result(s) (%)		MDL (%)
Specimen No.	--	7	8	
Alias No.	--	01T-17	01T-17	
Tracing No.	--	1	2	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.003
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003
Di-"isononyl" phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-"isodecyl" phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003

Specimen Description:

1. Black soft plastic (Pad) + Grey plastic (Seat)
2. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)
3. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)
4. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)
5. Grey coating on metal (Holder)
6. White plastic label w/ red, blue coating (Sticker)
7. Red plastic (Seat)
8. Black coating on metal (Holder)



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- Note:
- % = percentage by weight
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- NA = Not Applicable
- * Exceed Permissible Limit

Summary of Permissible Limit of Requirement(s) otherwise warning label required:

Requirement(s)	Permissible Limit
California Proposition 65 (ACSC Case No. BG07350969)	
- Toys for children under 6 or childcare articles for children under 3	≤ 0.1% for each of DBP, BBP, DEHP, DIDP, DnHP and DINP



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The below tests of Yellow style (Except clause 5.4 & 5.5) were conducted by SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch.

The below tests of Red style were conducted by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

Test Conducted: Based on **ASTM F2613-22 Standard Consumer Safety Specification for Children's Chairs and Stools.**

Test Results: Details shown as following table

Clause	Test Item	Result
5	General Requirements	
5.1	Prior to testing, any exposed wood parts shall be smooth and free of splinters.	PASS
5.2	There shall be no hazardous sharp points or edges as defined by 16 CFR 1500.48 and 16 CFR 1500.49 before or after testing to this specification.	PASS
5.3	There shall be no small parts, as defined by 16 CFR 1501, before testing or liberated as a result of testing in accordance with this specification.	PASS
5.4	The paint and surface coating on the product shall comply with 16 CFR 1303.	PASS
5.5	There shall be no flammable solids as defined in 16 CFR 1500.3 (c) (6) (vi) before or after testing in accordance with this specification.	PASS
5.6	Toy accessories attached to, removable from, or sold with a product, as well as their means of attachment, must meet applicable requirements of Consumer Safety Specification F963.	NA
5.7	Scissoring, Shearing, or Pinching	PASS
5.8	Products that Fold	NA
5.9	Circular Holes in Rigid Materials	NA
5.10	Labeling	PASS
5.11	Protective Components	PASS
5.12	Strength Requirements	PASS
5.13	Stability	PASS
5.14	Head Entrapment	NA
7	Marking and Labeling	PASS

Remarks:

1. NA = Not Applicable.
2. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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SAMPLE INFORMATION AND PICTURES

Weight: 4.50 kg

Overall Dimensions: 510 mm D x 530 mm W x 257 mm H

Other Dimensions: /

Sample as Received



Tested sample - View 1



Tested sample - View 2



Tested sample - View 3



Tested sample - View 4



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Referenced sample (not tested) - View 5



Referenced sample (not tested) - View 6



Referenced sample (not tested) - View 7



Referenced sample (not tested) - View 8





View 9



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.





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AS SPECIFIED IN TOYS REGULATIONS (SOR/2011-17) OF CANADA CONSUMER PRODUCT SAFETY ACT (S.C.2010, c. 21). (INCLUDING AMENDMENTS SOR/2012-71, SOR/2016-195, SOR/2016-302, SOR/2018-138 AND SOR/2022-122)

Clauses relevant to the item:

Section	Description	Result
Section 8	Metal Edge	PASS
Section 10	Plastic Components	PASS
Section 13	Fasteners	PASS
Section 18	Stationary Toys Intended to Bear the Weight of a Child	PASS
Section 21	Celluloid or Cellulose Nitrate	PASS
Section 23	Heavy Metals Contents in Surface Coatings/Paint	PASS (See Result Page)

Remark: It is drawn to your attention that all the statement or warning statement which stated in product or its package should be appeared in English and French Bilingual as specified in section 3 of this regulation.



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Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2022-122) - Section 23 (a) and Section 23 (c) - Lead and Mercury in surface coating material

Method: With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.2:2020 / C07:2023
Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item(s)			Pb	Hg
Permissible Limit (mg/kg)			90	10
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)	
1. Grey coating on metal (Holder)	1	1	ND	ND
2. Red w/ blue coating on plastic label (Sticker)	1	2	ND	ND
3. Black coating on metal (Holder)	1	3	ND	ND
4. White plastic label (Sticker)	2	1	ND	ND

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 mg/kg

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceed Permissible Limit



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Method: With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.2:2020 / CPSC-CH-E1003-09.1 / ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

For Soluble Heavy Metal Content:

Test Item(s)	Sb	As	Ba	Cd	Se
MDL (mg/kg)	50	50	50	50	50
Permissible Limit (mg/kg)	1000	1000	1000	1000	1000
Specimen Description	Alias No.	Tracing No.	Soluble Result(s) (mg/kg)		
1. Grey coating on metal (Holder)	3	1	ND	ND	431
2. White plastic label (Sticker)	3	2	ND	ND	ND
3. Red w/ blue coating on plastic label (Sticker)	3	3	ND	ND	ND
4. Black coating on metal (Holder)	3	4	ND	ND	383

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * Exceed Permissible Limit



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Canada Consumer Product Safety Act (S.C. 2010, c. 21), Consumer Products Containing Lead Regulations, SOR/2018-83 – Total Lead content

Method : With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.2:2020 / C02.3.2:2021 / C02.4.1:2019
Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Lead (Pb)		
MDL (mg/kg)	10		
Permissible Limit (mg/kg)	90		
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Black soft plastic (Pad) + Grey plastic (Seat)	4	1	ND
2. Light blue plastic (Seat) + Purple plastic (Seat) + Light green plastic (Seat)	4	2	ND
3. Dark pink plastic (Seat) + Blue plastic (Seat) + Green plastic (Seat)	4	3	ND
4. Yellow plastic (Seat) + Brown plastic (Seat) + Orange plastic (Seat)	4	4	ND
5. White plastic label (Sticker)	4	5	ND
6. Red plastic (Seat)	4	6	ND
7. Grey coating on metal (Holder)	5	1	ND
8. Red w/ blue coating on plastic label (Sticker)	5	2	ND
9. Black coating on metal (Holder)	5	3	ND
10. Silvery metal round tube (Base)	6	1	ND
11. Silvery metal flat tube (Support)	6	2	ND
12. Silvery metal round piece (Under seat)	6	3	ND
13. Silvery metal funnel-shaped piece (Under seat)	6	4	ND
14. Silvery metal thin tube (Under seat)	6	5	ND
15. Silvery metal sleeve (Bearing container)	6	6	ND
16. Silvery metal outer ring (Bearing)	6	7	ND
17. Silvery metal sealing ring (Bearing)	6	8	ND
18. Silvery metal bolt (Bearing fixing)	6	9	ND
19. Silvery metal screw (Under seat)	6	10	ND
20. Silvery metal rivet (Pad)	6	11	ND
21. Silvery metal solder	7	1	ND

Note: - mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit



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Canada Surface Coating Materials Regulations (SOR/2016-193) (Including amendments SOR/2022-122) – Lead Content

With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.2:2020 / C07:2023

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item(s)			Total
			Pb
Permissible Limit (mg/kg)			90
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. White plastic label (Sticker)	8	1	ND
2. Grey coating on metal (Holder)	9	1	ND
3. Red w/ blue coating on plastic label (Sticker)	9	2	ND
4. Black coating on metal (Holder)	9	3	ND

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 mg/kg
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceed Permissible Limit



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Canada Phthalates Regulation (SOR/2016-188)(formerly restricted under SOR/2010-298)

Method: With reference to CPSC-CH-C1001-09.4 / Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-34:2018 – Determination of Phthalates in Polyvinyl Chloride Consumer Products

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Vinyl Materials that can, in a reasonably foreseeable Manner, be placed in the Mouth of a Child under 4 Years of Age

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	10	10		
Tracing No.	--	1	2		
Specimen No.	--	1	2		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	0.1

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	10	10		
Tracing No.	--	3	4		
Specimen No.	--	3	4		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	0.1



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1. Grey coating on metal (Holder)
2. White plastic label w/ red, blue coating (Sticker)
3. Black coating on metal (Holder)
4. Black soft plastic (Pad)

Note:

- % = percentage by weight
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- 1% = 10000 mg/kg = 10000 ppm

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible Limit

N.B. : - Only applicable clauses were shown.

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the report:

N/A = Not Applicable

** = Visual Examination

DNI = Did Not Ignite

SE = Self-Extinguishing

IBE = Ignite But Self-Extinguished

SE within 50mm = Self-extinguished within 50 mm of flame application



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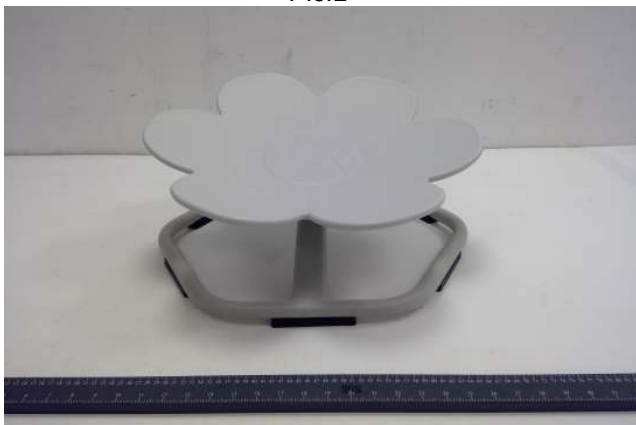
Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

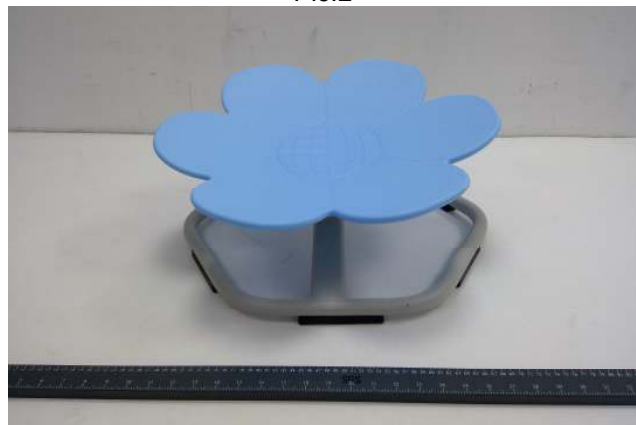
This report updates test information.

Sample Picture (As received)

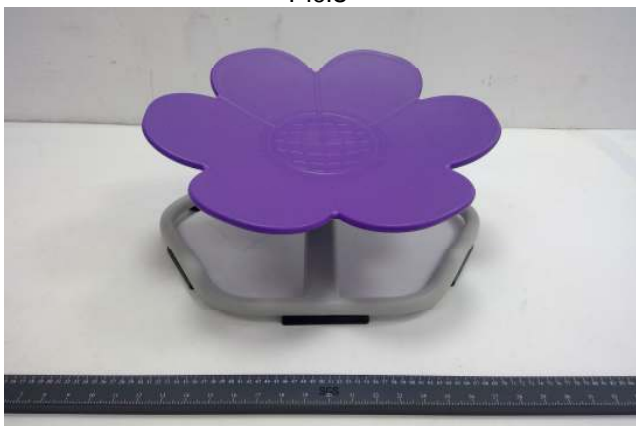
Pic.1



Pic.2



Pic.3



Pic.4



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Pic.5



Pic.6



Pic.7



Pic.8



Pic.9



Pic.10



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Pic.11



Pic.12



Pic.13



Pic.14



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