

Report No.: **158277762a 001**

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Client: ONE FOR FUN LIMITED

Contact Information: 3-5 Cambuslang Way, Gateway Office Park, Cambuslang, Glasgow, G32 8ND

Manufacturer's name: USD062

Test item(s): Toys

**Identification/
Model No(s):** FIDGET BOX 24 PIECES / FIDGET POP TUBES SET / LIGHT UP POP TUBES
Item no.: SV21083 / SV21249/ SV21491

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2023-09-21, 2023-10-09, 2023-10-19, 2023-11-07, 2023-11-10

Testing Period: 2023-09-15 to 2023-11-15

Place of testing: Chemical laboratory Hong Kong, Toys laboratory Hong Kong

Test Specification:

Please refer to "Test Result Summary List" on page 2 for details

Other information:

Country of Origin: China

The provided age grade of the item(s) : Not Provided

The appropriate age grade of the item(s) : Not Requested (by client)

As per client request, the item(s) was/ were tested for the age of over 3 years.

Packaging provided: No

Provided Sample size : 3 sets

For and on behalf of
TÜV Rheinland Hong Kong Ltd.



Amenda Yung/
Senior CS Manager

2023-11-16

Date

Name/Position



Wong Yiu Tong , Tommy/
Senior Lab Manager

2023-11-16

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

Test Result Summary :**Test Specification:****Test result:**

1 ASTM F963-17: Mechanical and physical (As per client request, Clause 4.6-Small objects, 5-Labeling requirements, 6-Instructional Literature, 7-Producer's Marking were excluded in this test report)	PASS
2 ASTM F963-17 Sect. 4.25: Battery-operated toys (As per client request, Clause 4.25.9-Battery safety instruction, 6.5-Battery-operated toys were excluded in this test report)	PASS
3 ASTM F963-17: Flammability on solids and soft toys	PASS
4 16 C.F.R. 1303 (CPSIA Sect. 101), ASTM F963-17 Sect. 4.3.5.1 and Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Total lead content in paint and coating materials	PASS
5 ASTM F963-17 Sect. 4.3.5.2, CPSIA Sect. 101, and Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Total lead content in substrate materials	PASS
6 ASTM F963-17 Sect. 4.3.5.1 and 4.3.5.2 : Soluble heavy metal	PASS
7 ASTM F963-17 Sect. 8.3.1 Total cadmium content screening for metallic toys or metallic toy components which are small parts	PASS
8 CPSIA Section 108 as amended by 16 CFR 1307 : Phthalates	PASS
California Safe Drinking Water and Toxic Enforcement Act of 1986 (CA Prop 65): DEHP, BBP, DBP, DIDP, DnHP content	PASS

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Material List:

Item: FIDGET BOX 24 PIECES / FIDGET POP TUBES SET / LIGHT UP POP TUBES

Item no.: SV21083 / SV21249/ SV21491

Material No.	Material	Color	Location
M001	Whole Product	Multicolor	[#SV21083]-Whole product;[#SV21249]-Whole product;[#SV21491]-Whole product
M002	Coating	Black	[#SV21083]-Pattern of football, Figure strap
M003	Coating	Orange	[#SV21083]-Pattern of cube
M004	Coating	Green	[#SV21083]-Pattern of cube
M005	Coating	Pink	[#SV21083]-Pattern of cube
M006	Coating	Blue	[#SV21083]-Pattern of cube
M007	Coating	Purple	[#SV21083]-Pattern of cube
M008	Coating	Yellow	[#SV21083]-Pattern of cube
M009	Coating	Black/White	[#SV21083]-Pattern of bean
M010	Glass	Transparent w/ orange printing	[#SV21083]-Ball of net bag
M011	Glass	Transparnet w/ blue printing	[#SV21083]-Ball of net bag
M012	Glass	Transparent w/ green printing	[#SV21083]-Ball of net bag
M013	Glass	Transparent w/ yellow printing	[#SV21083]-Ball of net bag
M014	Metal	Silvery	[#SV21083]-Ball chain of bean
M015	Metal	Silvery	[#SV21083]-O-ring of bean
M016	Metal	Silvery	[#SV21083]-Double ring of bean
M017	Metal	Silvery	[#SV21083]-Cylinder of bean
M018	Plastic	Deep blue	[#SV21083]-Football
M019	Plastic	Green	[#SV21083]-Football
M020	Plastic	Red	[#SV21083]-Football
M021	Plastic	Orange	[#SV21083]-Football, Strap
M022	Plastic	White	[#SV21083]-Football, Cube
M023	Plastic	Dull green	[#SV21083]-Body of bean
M024	Plastic	Green	[#SV21083]-Heart board

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M025	Plastic	Pink	[#SV21083]-Heart board
M026	Plastic	Translucent pink	[#SV21083]-Small ball
M027	Plastic	Translucent yellow	[#SV21083]-Small ball
M028	Plastic	Translucent orange	[#SV21083]-Small ball
M029	Plastic	Translucent blue	[#SV21083]-Small ball
M030	Plastic	Translucent green	[#SV21083]-Small ball
M031	Plastic	Translucent purple	[#SV21083]-Small ball
M032	Plastic	Green	[#SV21083]-Net bag
M033	Plastic	Pink	[#SV21083]-Net bag
M034	Plastic	Navy blue	[#SV21083]-Net bag
M035	Plastic	White/Pink/Green	[#SV21083]-Net bag
M036	Plastic	Yellow/Red/Deep blue	[#SV21083]-Net bag
M037	Plastic	Translucent/Pink/Yellow	[#SV21083]-Net bag
M038	Plastic	Deep green	[#SV21083]-Cover of bean
M039	Plastic	Green	[#SV21083]-Tube;[#SV21249]-Tube
M040	Plastic	Blue	[#SV21083]-Tube;[#SV21249]-Tube
M041	Plastic	Purple	[#SV21083]-Tube
M042	Plastic	Fuchsia	[#SV21083]-Tube;[#SV21491]-Tube
M043	Plastic	Orange	[#SV21083]-Tube;[#SV21249]-Tube
M044	Plastic	Yellow	[#SV21083]-Tube;[#SV21249]-Tube; [#SV21491]-Tube
M045	Plastic	Red	[#SV21249]-Tube;[#SV21491]-Tube
M046	Plastic	Pink	[#SV21249]-Tube
M047	Plastic	Light purple	[#SV21249]-Tube
M048	Plastic	Deep blue	[#SV21249]-Tube
M049	Plastic	Light green	[#SV21491]-Tube
M050	Plastic	Light blue	[#SV21491]-Tube
M050-1	Plastic	Light blue	[#SV21491]-Tube
M051	Plastic	White	[#SV21491]-Inner tube
M051-3	Plastic	White	[#SV21249]-Inner tube
M052	Plastic	Dim orange	[#SV21083]-Figure wheel
M053	Plastic	Blue	[#SV21083]-Figure wheel
M054	Plastic	Deep green	[#SV21083]-Figure wheel

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M055	Plastic	Dim blue	[#SV21083]-Strap
M056	Plastic	Light green	[#SV21083]-Strap
M057	Plastic	Deep pink	[#SV21083]-Strap
M058	Plastic	Grass green	[#SV21083]-Plate of bean
M059	Plastic	Black	[#SV21491]-Button
M060	Plastic	Translucent	[#SV21491]-Cap
M061	Plastic + coating	Deep blue + Black	[#SV21083]-Football
M062	Plastic + coating	Green + Black	[#SV21083]-Football
M063	Plastic + coating	Red + Black	[#SV21083]-Football
M064	Plastic + coating	Orange + Black	[#SV21083]-Football, Strap
M065	Plastic + coating	White + Multicolor	[#SV21083]-Football, Cube
M066	Plastic + coating	Dull green + Black/White	[#SV21083]-Body of bean
M067	Textile	Green	[#SV21083]-String of bean
M068	Whole Product	Multicolor	[#SV21491]-Whole product
M069	Plastic	Light pink	[#SV21083]-Figure strap
M070	Plastic	Dim blue	[#SV21083]-Figure strap
M071	Plastic	Neon orange	[#SV21083]-Strap
M072	Plastic	Neon yellow	[#SV21083]-Strap
M073	Plastic + coating	Light pink + Black	[#SV21083]-Figure strap
M074	Plastic + coating	Dim blue + Black	[#SV21083]-Figure strap

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1.ASTM F963-17: Mechanical and physical
Test result:

Test No:	T001
Material No:	M001
4. Safety requirements	
4.1 Material Quality (visual check)	PASS
4.5 Sound-producing toys	PASS
4.6 Small objects	Not Conducted
4.7 Accessible edges	PASS
4.9 Accessible points	PASS
5. Labeling requirements	
5.1 Federal government requirements	Not Conducted
5.2 Age grading labeling	Not Conducted
5.3 Safety labeling requirements	Not Conducted
5.4 Aquatic toys	Not Conducted
5.5 Crib and playpen toys	Not Conducted
5.6 Mobiles	Not Conducted
5.7 Stroller and carriage toys	Not Conducted
5.8 Toys intended to be assembled by an adult	Not Conducted
5.9 Simulated protective devices	Not Conducted
5.10 Toys with functional sharp edges or points	Not Conducted
5.11 Small objects, small balls, marbles and balloons	Not Conducted
5.12 Toy caps	Not Conducted
5.13 Art materials	Not Conducted
5.16 Promotional materials	Not Conducted
5.17 Magnets	Not Conducted
6. Instructional literature	
6.1 Definition and description	Not Conducted
6.2 Crib and playpen toys	Not Conducted
6.3 Mobiles	Not Conducted
6.4 Toys intended to be assembled by an adult	Not Conducted
6.7 Toys in contact with food	Not Conducted
6.8 Toy chests	Not Conducted
7. Producer's markings	
7.1 Name and address of the producer or the distributor	Not Conducted
7.3 Toy chests	Not Conducted

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Use and Abuse Tests:

The submitted samples were undergone the use and abuse tests in accordance with FHSA 16 CFR and whichever is applicable the tested age grade.

Age Category	Impact Test	Flexure Test	Torque Test	Tension Test	Compression Test
0-18 Months 16 CFR 1500.51	10 x 4.5 ft	120 Arc 30 Cycles 10 lbs	2 in-lbs	10 lbs	20 lbs
19-36 Months 16 CFR 1500.52	4 x 3 ft	120 Arc 30 Cycles 15 lbs	3 in-lbs	15 lbs	25 lbs
37-96 Months 16 CFR 1500.53	4 x 3 ft	120 Arc 30 Cycles 15 lbs	4 in-lbs	15 lbs	30 lbs

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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3. ASTM F963-17 Sect. 4.25: Battery-operated toys**Test result:**

	T001
	M068
4.25 Battery-operated toys	
4.25.2 Maximum potential	PASS
4.25.5 Toys with small part battery	PASS
4.25.7 Battery surface temperature	PASS
4.25.8 Hazardous condition	PASS
4.25.9 Battery safety instruction	Not Conducted
6. Instructional literature	
6.5 Battery-operated toys	Not Conducted

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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2.ASTM F963-17: Flammability on solids and soft toys**Test result:**

Test No:	T001
Material No:	M001
4.2 Flammability on solids and soft toys	PASS

The burning rate of the most severe part = 0.08 Inch/sec.

Note: Maximum permissible burning rate = 0.1 Inch/sec.

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4.16 C.F.R. 1303 (CPSIA Sect. 101), ASTM F963-17 Sect. 4.3.5.1 and Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Total lead content in paint and coating materials

Test method: CPSC-CH-E1003-09.1 (Microwave method)

Test result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M002 + M003 + M004	Lead Content	ppm	10	90	< RL
T002	M005 + M006 + M007	Lead Content	ppm	10	90	< RL
T003	M008 + M009	Lead Content	ppm	10	90	< RL

Abbreviation: < = less than
RL = Reporting Limit
ppm = parts per million

Remark:

- * The highlighted result was found to be more than the maximum permissible limit.
- *1 Requirement according to Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
 - a) Paint or other surface coating shall not contain more than 0.009% (90 ppm) total lead content
 - b) All other components shall not contain more than 0.01% (100 ppm) total lead content

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5.ASTM F963-17 Sect. 4.3.5.2, CPSIA Sect. 101, and Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) : Total lead content in substrate materials

Test method: CPSC-CH-E1001-08.3 and CPSC-CH-E1002-08.3 (Microwave method)

Test result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M010 + M011	Lead Content	ppm	10	100	25
T002	M012 + M013	Lead Content	ppm	10	100	22
T003	M014 + M015	Lead Content	ppm	10	100	< RL
T004	M016 + M017	Lead Content	ppm	10	100	13
T005	M018 + M019 + M020	Lead Content	ppm	10	100	< RL
T006	M021 + M022 + M023	Lead Content	ppm	10	100	< RL
T007	M024 + M025 + M026	Lead Content	ppm	10	100	< RL
T008	M027 + M028 + M029	Lead Content	ppm	10	100	< RL
T009	M030 + M031 + M032	Lead Content	ppm	10	100	16
T010	M033 + M034 + M035	Lead Content	ppm	10	100	< RL
T011	M036 + M037 + M038	Lead Content	ppm	10	100	< RL
T012	M039 + M040 + M041	Lead Content	ppm	10	100	< RL
T013	M042 + M043 + M044	Lead Content	ppm	10	100	< RL
T014	M045 + M046 + M047	Lead Content	ppm	10	100	< RL
T015	M048 + M049	Lead Content	ppm	10	100	< RL
T016	M050 + M051	Lead Content	ppm	10	100	< RL

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T017	M052 + M053 + M054	Lead Content	ppm	10	100	< RL
T018	M055 + M056 + M057	Lead Content	ppm	10	100	< RL
T019	M058 + M059 + M060	Lead Content	ppm	10	100	< RL
T020	M069 + M070	Lead Content	ppm	10	100	< RL
T021	M071 + M072	Lead Content	ppm	10	100	< RL

Abbreviation: < = less than
 RL = Reporting Limit
 ppm = parts per million

Remark:

- *1 CA Prop. 65 -Total lead content
- Paint or surface coating in products shall not contain more than 0.009% (90 ppm) total lead content
 - Other components in product shall not contain more than 0.01% (100 ppm) total lead content

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6.ASTM F963-17 Sect. 4.3.5.1 and 4.3.5.2 : Soluble heavy metal

Test method: For paint and similar surface-coating materials: ASTM F963-17 Section 8.3.2 - 8.3.4 Method to Dissolve Soluble Matter for Surface Coatings, Preparation of Test Samples and Test Procedures

For substrate: ASTM F963-17 Section 8.3.5 Soluble Element Test Method for Substrate Materials

This requirement applies to the coating and substrate materials which the sample weight is greater than 10 mg

Test result:

Test No.	Material No.	[mg/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
		Maximum Permissible Limit of Any Toy Materials except Modelling Clay							
		60	25	1000	75	60	90	60	500
		Maximum Permissible Limit of Modelling Clay							
		60	25	250	50	25	90	25	500
		RL							
		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
T001 (*2)	M002	-	-	-	-	-	-	-	-
T002 (*2)	M003	-	-	-	-	-	-	-	-
T003 (*2)	M004	-	-	-	-	-	-	-	-
T004 (*2)	M005	-	-	-	-	-	-	-	-
T005 (*2)	M006	-	-	-	-	-	-	-	-
T006 (*2)	M007	-	-	-	-	-	-	-	-
T007 (*2)	M008	-	-	-	-	-	-	-	-
T008 (*2)	M009	-	-	-	-	-	-	-	-
T009	M010	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T010	M011	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T011	M012	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T012	M013	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T013	M014	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T014	M015	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T015	M016	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T016	M017	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T017	M018	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T018	M019	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T019	M020	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T020	M021	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T021	M022	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T022	M023	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL

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Test No.	Material No.	[mg/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
		Maximum Permissible Limit of Any Toy Materials except Modelling Clay							
		60	25	1000	75	60	90	60	500
		Maximum Permissible Limit of Modelling Clay							
		60	25	250	50	25	90	25	500
		RL							
		2.5	2.5	2.5	2.5	2.5	2.5	2.5	
T023	M024	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T024	M025	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T025	M026	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T026	M027	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T027	M028	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T028	M029	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T029	M030	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T030	M031	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T031	M032	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T032	M033	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T033	M034	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T034	M035	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T035	M036	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T036	M037	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T037	M038	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T038	M039	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T039	M040	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T040	M041	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T041	M042	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T042	M043	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T043	M044	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T044	M045	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T045	M046	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T046	M047	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T047	M048	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T048	M049	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T049	M050	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T050	M051	< RL	< RL	3.0	< RL	< RL	< RL	< RL	< RL
T051	M052	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T052	M053	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T053	M054	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T054	M055	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T055	M056	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T056	M057	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T057	M058	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T058	M059	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T059	M060	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL

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Test No.	Material No.	[mg/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
		Maximum Permissible Limit of Any Toy Materials except Modelling Clay							
		60	25	1000	75	60	90	60	500
		Maximum Permissible Limit of Modelling Clay							
		60	25	250	50	25	90	25	500
		RL							
		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
T060 (*1) (43mg)	M067	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T061	M069	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T062	M070	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T063	M071	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T064	M072	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL

Abbreviation: < = less than
 RL = Reporting Limit
 mg/kg = milligram per kilogram

Remark:

- *1 The weight of test portion marked (*1) available was less than 100 mg, but greater than 10 mg, so results were calculated as if 100 mg of the sample were available.
- *2 The weight of test portion marked (*2) available was less than 10 mg, the test for soluble heavy metal content was not performed.
- * Migration results of eight elements shown are the adjusted analytical results

Element	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction (in %)	60	60	30	30	30	30	50	60

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7.ASTM F963-17 Sect. 8.3.1: Total cadmium content screening for metallic toys or metallic toy components which are small parts

Test method: For metal substrates: Modified CPSC-CH-E1001-08.3

Test result:

Test No.	Material No.	Test Parameter	Unit	RL	Screening Limit	Test Result	Conclusion
T001	M014	Cadmium Content	ppm	5	75	< RL	Pass
T002	M015	Cadmium Content	ppm	5	75	< RL	Pass
T003	M016	Cadmium Content	ppm	5	75	< RL	Pass
T004	M017	Cadmium Content	ppm	5	75	< RL	Pass

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

Remark:

- *1 According to ASTM F963-17 Section 4.3.5.2, metallic toys or metallic toy components which are small parts may be deemed compliant with the cadmium extraction requirement of 200 µg, if the total cadmium level in the screening test is below 75 mg/kg.

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8. Phthalates content

Test Method: Ref. to CPSC-CH-C1001-09.4

Test Result:

Test No.				T001	T002	T003
Material No.				M024 + M025 + M026	M027 + M028 + M029	M030 + M031 + M032
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass

Test No.				T004	T005	T006
Material No.				M033 + M034 + M035	M036 + M037 + M038	M039 + M040 + M041
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass

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Test No.				T007	T008	T009
Material No.				M042 + M043 + M044	M045 + M046 + M047	M048 + M049
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass

Test No.				T011	T012	T013
Material No.				M052 + M053 + M054	M055 + M056 + M057	M058 + M059 + M060
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass

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Test No.				T014	T015	T016
Material No.				M061 + M062	M063 + M064	M065
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass

Test No.				T017	T018	T019
Material No.				M066	M073 + M074	M050-1
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass

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		Test No.		T022
		Material No.		M051-3
Test Parameter	CAS NO	Unit	RL	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass

Abbreviation: < = less than
 RL = Reporting Limit
 % = percentage

Remark:

- Requirement of Consumer Product Safety Improvement Act 2008, section 108, as amended by 16 CFR 1307 is summarized below:

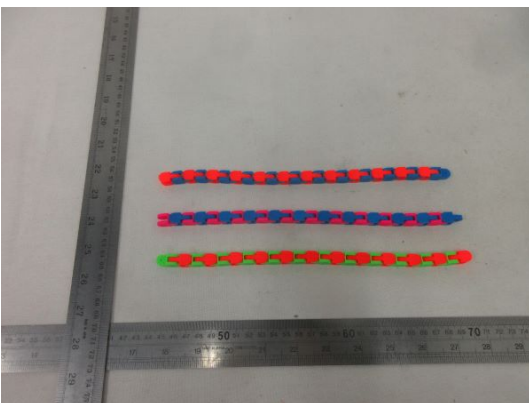
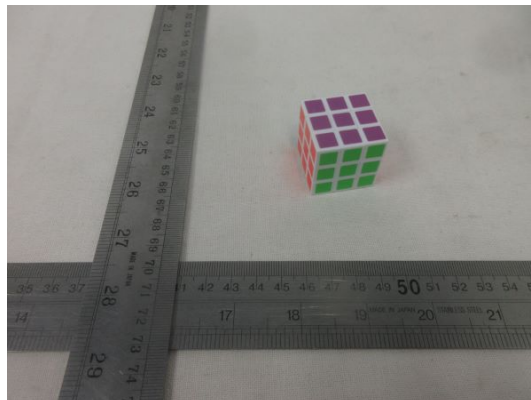
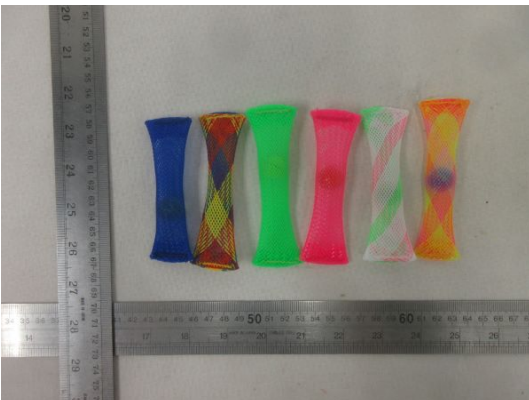
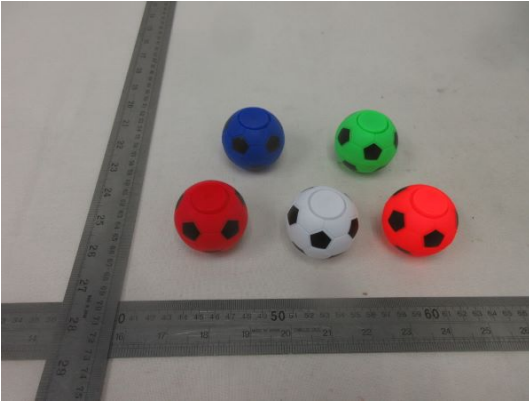
Parameter	Unit	Maximum Permissible Limit
Accessible plasticized components in children's toy or childcare article:		
Dibutyl phthalate (DBP), Benzylbutyl phthalate (BBP), Diethylhexyl phthalate (DEHP), Diisononyl phthalate (DINP), Diisobutyl Phthalate (DIBP), Di-n-pentyl Phthalate (DPENP) (DnPP), Di-n-hexyl Phthalate (DHEXP) (DnHP), Dicyclohexyl Phthalate (DCHP)	%	0.1 (each)

- Requirement of Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):DEHP, BBP, DBP, DIDP and DnHP content
 1,000ppm (0.1%) each as quoted from County of Alameda Case No. BG-07350969

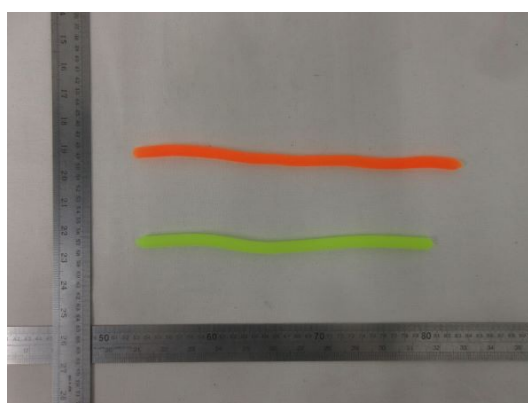
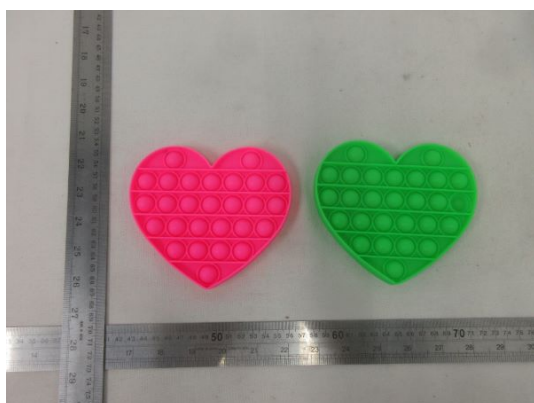
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Sample Photos



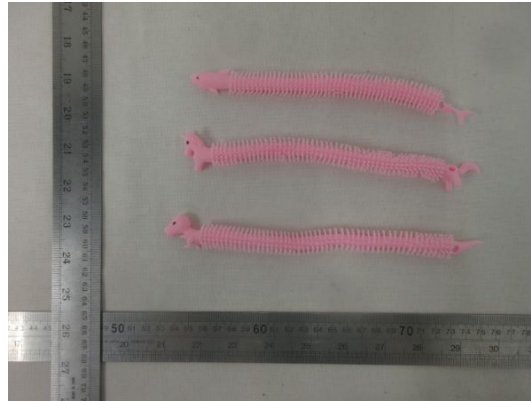
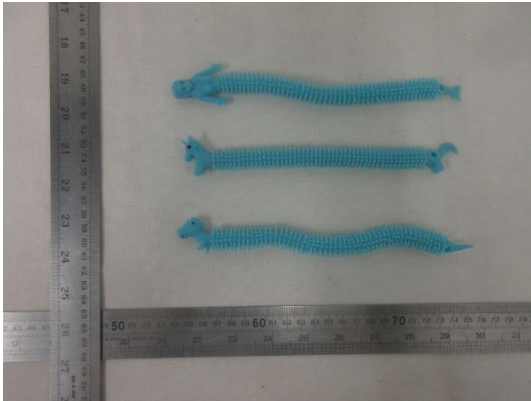
Sample Photos



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Sample Photos



- END -

