



Report No.: RTS241125T2730TY

Date : 2024-12-05

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TEST REPORT

OVERALL RATING	
×	PASS
	FAIL

Test information

Applicant	: One for Fun Limited.
Address	: 3-5 Cambuslang Way, Gateway Office Park,Cambuslang, Glasgow, G32 8ND.
Sample Description	: NOISE PUTTY.
Style #	: SV13440.
Labeled Age Grade	: --
Client Request Age Grade	: 3 years+.
Age grade for testing	: 3 years+.
Country of origin	: China.
Receiving Date	: November 25, 2024.
Test period	: November 25, 2024.~December 05, 2024.
Test Requested	: Tests requested in accordance to client requirement.

Signed for and on behalf of
RTS TEST CO., LTD. (Zhejiang)

Jianxiang Chen



Binbin Zou

JIANXIANG CHEN (Toy physical Approved signatory)

BINBIN ZOU (Chemistry Approved Signatory)



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Scan for authenticity

Zhejiang RTS Test Co., LTD.

Phone: +86(0)579-85640080

Email: ruiyi-8@zj-rt.com

<http://www.irtslab.cn>

浙江省金华市义乌市后宅街道通泰路 140 号联东 U 谷 1 栋 4 楼 401
401, Floor 4, Building 1, LIANDO U VALLEY, No. 140
Tongtai Road, Houzhai Street, Yiwu, Jinhua, Zhejiang

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<u>TEST ITEMS</u>	<u>CONCLUSIONS</u>
EN71-1:2014+A1:2018 - Mechanical and Physical Properties (Excepted clause 7 Warnings, markings and instructions for use as per client's request)	PASS
EN71-2:2020 - Flammability	PASS
EN71-3:2019+A1:2021 - Migration of Certain Elements	PASS
Total Cadmium(Cd) Content - Entry 23 of Commission Regulation (EU) No 835/2012 Amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Phthalates content - Entry 51&52 of Commission Regulation (EU) 2018/2005 Amending Annex XVII of REACH Regulation (EC) No 1907/2006.	PASS
Microbial limit test - NB-TOYS/2021-053 FINAL EC-type approval protocol No. 2 Microbiological safety of toys containing aqueous media REV 4	PASS

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浙江省金华市义乌市后宅街道通泰路140号联东U谷1栋4楼401
401, Floor 4, Building 1, LIANDO U VALLEY, No. 140
Tongtai Road, Houzhai Street, Yiwu, Jinhua, Zhejiang

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Sample image:



Test Number	Item/ component description(s)
A	NOISE PUTTY
A1	Transparent plastic cup body
A2	Blue crystal mud
A3	Green crystal mud
A4	Red crystal mud
A5	Yellow crystal mud
A6	Pink crystal mud
A7	Purple crystal mud
A8	Transparent plastic (cup body & cup lid) mixed
A9	Crystal mud (blue & green & red) mixed
A10	Crystal mud (yellow & pink & purple) mixed

**Test result:****A. European Standard-Safety of Toys: EN71-1:2014+A1:2018 Mechanical and Physical Properties:**

Section(s)	Test	Test Results A
4	General Requirements	
4.1	Material cleanliness	PASS
4.2	Assembly	N/A
4.3	Flexible plastic sheeting	N/A
4.4	Toy bags	N/A
4.5	Glass	N/A
4.6	Expanding materials	N/A
4.7	Edges	PASS
4.8	Points and metallic wires	PASS
4.9	Protruding parts	N/A
4.10	Parts moving against each other	N/A
4.10.1	Folding & sliding mechanisms	N/A
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
4.14.2	Masks & Helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by a child or other means	N/A
4.15.2	Toy bicycles	N/A
4.15.3	Rocking horses & similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toy scooters	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectile toys	N/A
4.18	Aquatic toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A

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Section(s)	Test	Test Results A
4.23	Magnets	N/A
4.24	Yo-Yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy disguise costumes	N/A
4.27	Flying toys	N/A
5	Toys intended for children under 36 months	
5.1	General requirements	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cables in toys	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically driven toys	N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls	N/A
5.11	Play figures	N/A
5.12	Hemispheric-shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn fully or partially around the neck	N/A
6	Packaging	N/A
7	Warnings, markings and instructions for use	N/C

Remark: N/A= Not Applicable, N/C= Not Conducted as per client's request.

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Email: ruiyi-8@zj-rt.com<http://www.irtslab.cn>浙江省金华市义乌市后宅街道通泰路140号联东U谷1栋4楼401
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B. European Standard-Safety of Toys: EN71-2:2020 - Flammability :

Test Item(s)	Observation	Test Results A
4.1 General	No visual signs of Cellulose Nitrate and highly flammable solids.	PASS
4.2 Toys to be worn on the head	/	N/A
4.3 Toy disguise costumes and toys intended to be worn by a child in play	/	N/A
4.4 Toys intended to be entered by a child	/	N/A
4.5 Soft-filled toys	/	N/A

Remark: N/A= Not Applicable

**C1. European Standard-Safety of Toys: EN71-3:2019+A1:2021 Migration of Certain Elements:** (Unit: mg/kg)

Elements	MDL	Test Results A1	Limit Value Category III
Soluble Aluminum(Al)	50	N.D.	28130
Soluble Antimony (Sb)	10	N.D.	560
Soluble Arsenic(As)	10	N.D.	47
Soluble Barium (Ba)	50	N.D.	18750
Soluble Boron (B)	50	N.D.	15000
Soluble Cadmium(Cd)	5	N.D.	17
Soluble trivalent chromium(Cr+3)	5	N.D.	460
Soluble Chromium VI (Cr+6)*	0.01	N.D.	0.053
Soluble Cobalt(Co)	10	N.D.	130
Soluble Copper(Cu)	50	N.D.	7700
Soluble Lead(Pb)	5	N.D.	23
Soluble Manganese(Mn)	50	N.D.	15000
Soluble Mercury(Hg)	10	N.D.	94
Soluble Nickel(Ni)	10	N.D.	930
Soluble Selenium(Se)	10	N.D.	460
Soluble Strontium(Sr)	50	N.D.	56000
Soluble Tin(Sn)	4.9	N.D.	180000
Soluble Organic tin**	4.9	N.D.	12
Soluble Zinc(Zn)	50	N.D.	46000

Explain:

1)"--"= Not clearly defined

2)N.D. = not detected, less than MDL(Method Detection Limit).

3)▲ = sample was tested in mixture.

4) If the chromium content of the tested sample does not exceed the limits of chromium III and/or chromium VI, it is deemed to comply on the respective migration requirements of chromium III and/or chromium VI under 2009/48/EC. Otherwise, the compliance on the migration requirements of the individual chromium III and/or chromium VI are confirmed by ion speciation techniques

*: The chromium VI content is determined by LC-ICP-MS or High resolution UV-VIS spectroscopy. (If confirmation is done only)

5) If the Organic Tin content of the tested sample projected by the tin content does not exceed the limit of Organotin, it is deemed to comply on the respective migration requirement of Organic Tin under 2009/48/EC and marked with "--". Otherwise, the compliance on the migration requirement of Organic Tin is confirmed by GCMS analysis.

**: The Organic Tin content is determined by GC-MS. (If confirmation is done only).

Test Method: In accordance with EN71-3:2019+A1:2021:

1. To determine the soluble heavy metals content, Analysis was preformed by LC-ICP-MS.
2. To determine the Chromium VI (Cr+6) content, Analysis was preformed by LC-ICP-MS.
3. To determine the organic tin content, Analysis was preformed by GC-MS.

**C2. [△]European Standard-Safety of Toys: EN71-3:2019+A1:2021 Migration of Certain Elements:** (Unit: mg/kg)

Elements	MDL	Test Results			Limit Value Category II
		A2	A3	A4	
Soluble Aluminum(Al)	50	N.D.	N.D.	N.D.	560
Soluble Antimony (Sb)	1	N.D.	N.D.	N.D.	11.3
Soluble Arsenic(As)	0.1	N.D.	N.D.	N.D.	0.9
Soluble Barium (Ba)	50	N.D.	N.D.	N.D.	375
Soluble Boron (B)	10	127	139	109	300
Soluble Cadmium(Cd)	0.1	N.D.	N.D.	N.D.	0.3
Soluble trivalent chromium(Cr+3)	1	N.D.	N.D.	N.D.	9.4
Soluble Chromium VI (Cr+6)*	0.001	N.D.	N.D.	N.D.	0.005
Soluble Cobalt(Co)	0.1	N.D.	N.D.	N.D.	2.6
Soluble Copper(Cu)	5	N.D.	N.D.	N.D.	156
Soluble Lead(Pb)	0.1	N.D.	N.D.	N.D.	0.5
Soluble Manganese(Mn)	10	N.D.	N.D.	N.D.	300
Soluble Mercury(Hg)	0.1	N.D.	N.D.	N.D.	1.9
Soluble Nickel(Ni)	0.1	N.D.	N.D.	N.D.	18.8
Soluble Selenium(Se)	0.1	N.D.	N.D.	N.D.	9.4
Soluble Strontium(Sr)	50	N.D.	N.D.	N.D.	1125
Soluble Tin(Sn)	4.9	N.D.	N.D.	N.D.	3750
Soluble Organic tin**	0.2	N.D.	N.D.	N.D.	0.2
Soluble Zinc(Zn)	50	N.D.	N.D.	N.D.	938

Explain:

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3)▲ = sample was tested in mixture.

4) If the chromium content of the tested sample does not exceed the limits of chromium III and/or chromium VI, it is deemed to comply on the respective migration requirements of chromium III and/or chromium VI under 2009/48/EC. Otherwise, the compliance on the migration requirements of the individual chromium III and/or chromium VI are confirmed by ion speciation techniques

*: The chromium VI content is determined by LC-ICP-MS or High resolution UV-VIS spectroscopy. (If confirmation is done only)

5) If the Organic Tin content of the tested sample projected by the tin content does not exceed the limit of Organotin, it is deemed to comply on the respective migration requirement of Organic Tin under 2009/48/EC and marked with "--". Otherwise, the compliance on the migration requirement of Organic Tin is confirmed by GCMS analysis.

**: The Organic Tin content is determined by GC-MS. (If confirmation is done only).

Test Method: In accordance with EN71-3:2019+A1:2021:

1. To determine the soluble heavy metals content, Analysis was preformed by LC-ICP-MS.
2. To determine the Chromium VI (Cr+6) content, Analysis was preformed by LC-ICP-MS.
3. To determine the organic tin content, Analysis was preformed by GC-MS.

**C3. [△]European Standard-Safety of Toys: EN71-3:2019+A1:2021 Migration of Certain Elements:** (Unit: mg/kg)

Elements	MDL	Test Results			Limit Value Category II
		A5	A6	A7	
soluble aluminum(Al)	50	N.D.	N.D.	N.D.	560
soluble antimony (Sb)	1	N.D.	N.D.	N.D.	11.3
soluble arsenic(As)	0.1	N.D.	N.D.	N.D.	0.9
soluble barium (Ba)	50	N.D.	N.D.	N.D.	375
soluble boron (B)	10	135	102	130	300
soluble cadmium(Cd)	0.1	N.D.	N.D.	N.D.	0.3
soluble trivalent chromium(Cr+3)	1	N.D.	N.D.	N.D.	9.4
soluble Chromium VI (Cr+6)*	0.001	N.D.	N.D.	N.D.	0.005
soluble cobalt(Co)	0.1	N.D.	N.D.	N.D.	2.6
soluble copper(Cu)	5	N.D.	N.D.	N.D.	156
soluble lead(Pb)	0.1	N.D.	N.D.	N.D.	0.5
soluble manganese(Mn)	10	N.D.	N.D.	N.D.	300
soluble mercury(Hg)	0.1	N.D.	N.D.	N.D.	1.9
soluble nickel(Ni)	0.1	N.D.	N.D.	N.D.	18.8
soluble Selenium(se)	0.1	N.D.	N.D.	N.D.	9.4
soluble strontium(Sr)	50	N.D.	N.D.	N.D.	1125
soluble tin(Sn)	4.9	N.D.	N.D.	N.D.	3750
soluble organic tin**	0.2	N.D.	N.D.	N.D.	0.2
soluble zinc(Zn)	50	N.D.	N.D.	N.D.	938

Explain:

1)"--"= Not clearly defined

2)N.D. = not detected, less than MDL(Method Detection Limit).

3)▲ = sample was tested in mixture.

4) If the chromium content of the tested sample does not exceed the limits of chromium III and/or chromium VI, it is deemed to comply on the respective migration requirements of chromium III and/or chromium VI under 2009/48/EC. Otherwise, the compliance on the migration requirements of the individual chromium III and/or chromium VI are confirmed by ion speciation techniques

*: The chromium VI content is determined by LC-ICP-MS or High resolution UV-VIS spectroscopy. (If confirmation is done only)

5) If the Organic Tin content of the tested sample projected by the tin content does not exceed the limit of Organotin, it is deemed to comply on the respective migration requirement of Organic Tin under 2009/48/EC and marked with "--". Otherwise, the compliance on the migration requirement of Organic Tin is confirmed by GCMS analysis.

**: The Organic Tin content is determined by GC-MS. (If confirmation is done only).

Test Method: In accordance with EN71-3:2019+A1:2021:

1. To determine the soluble heavy metals content, Analysis was preformed by LC-ICP-MS.
2. To determine the Chromium VI (Cr+6) content, Analysis was preformed by LC-ICP-MS.
3. To determine the organic tin content, Analysis was preformed by GC-MS.



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D. Cadmium(Cd) content test: (Unit: mg/kg)

Entry 23 of Commission Regulation (EU) No 835/2012 Amending Annex XVII of REACH Regulation (EC) No 1907/2006.

Test method: RTS-ZY-008 As per Metal- CPSC-CH-E1001-08.3; Nonmetal- CPSC-CH-E1002-08.3 or Surface coating- CPSC-CH-E1003-09.1, Was analyzed by flame atomic absorption spectrometry(AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Number	Item/ component description(s)
A8	Transparent plastic (cup body & cup lid) mixed
A9	Crystal mud (blue & green & red) mixed
A10	Crystal mud (yellow & pink & purple) mixed

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Cadmium (Cd)	A8▲	5	N.D.	100	PASS
	A9▲	5	N.D.	100	PASS
	A10▲	5	N.D.	100	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3)“▲” = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

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E. Phthalates content test: (Unit: mg/kg)

Entry 51&52 of Commission Regulation (EU) 2018/2005 Amending Annex XVII of REACH Regulation (EC) No 1907/2006

Test method: With reference to CPSC-CH-C1001-09.4, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Number	Item/ component description(S)
A8	Transparent plastic (cup body & cup lid) mixed
A9	Crystal mud (blue & green & red) mixed
A10	Crystal mud (yellow & pink & purple) mixed

Test Item(s)	CAS No.	Results			MDL	Limit value
		A8▲	A9▲	A10▲		
Dibutyl Phthalate(DBP)	84-74-2	N.D.	N.D.	N.D.	50	-
Benzylbutyl Phthalate(BBP)	85-68-7	N.D.	N.D.	N.D.	50	-
Bis-(2-ethylhexyl)Phthalate(DEHP)	117-81-7	N.D.	N.D.	N.D.	50	-
Diisobutyl phthalate (DIBP)	84-69-5	N.D.	N.D.	N.D.	50	-
Total(DBP+BBP+DEHP+DIBP)		N.D.	N.D.	N.D.	-	1000
Di-n-octyl Phthalate(DNOP)	117-84-0	N.D.	N.D.	N.D.	50	-
Diisodecyl Phthalate(DIDP)	26761-40-0 & 68515-49-1	N.D.	N.D.	N.D.	50	-
Di-iso-nonyl Phthalate(DINP)	28553-12-0 & 68515-48-0	N.D.	N.D.	N.D.	50	-
Total(DNOP+DIDP+DINP)		N.D.	N.D.	N.D.	-	1000
Conclusion:		PASS	PASS	PASS	-	-

Note:

- 1) N.D. = not detected, less than MDL.
- 2) MDL = Method Detection Limit.
- 3) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

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Email: ruiyi-8@zj-rt.com<http://www.irtslab.cn>浙江省金华市义乌市后宅街道通泰路140号联东U谷1栋4楼401
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F. ^ΔMicrobial limit test - NB-TOYS/2021-053 FINAL EC-type approval protocol No. 2 Microbiological safety of toys containing aqueous media REV 4

Test method: The sample(s) was examined according to the European Pharmacopoeia 10.3 <2.6.12&2.6.13>

Test Number	Item/ component description(s)
A9	Crystal mud (blue & green & red) mixed
A10	Crystal mud (yellow & pink & purple) mixed

Test item(s)	Units	Test result(s)		Limit
		A9	A10	
Total Aerobic Microbial Count	CFU per g	<10	<10	≤ 1000 CFU
Mould and Yeast Count	CFU per g	<10	<10	≤ 100 CFU
Bile-salts Tolerant Gram-Negative Bacteria	CFU per g	<10	<10	≤ 100 CFU
Escherichia coli	per g	Absence	Absence	Absence
Salmonella	per g	Absence	Absence	Absence
Pseudomonas aeruginosa	per g	Absence	Absence	Absence
Staphylococcus aureus	per g	Absence	Absence	Absence
Candida albicans	per g	Absence	Absence	Absence

Note: 1) #= No colony was detected at the one-tenth dilution of the sample

2)CFU = Colony Forming Unit

3)≤ = Less than or equal to, <=less than

4) The limit for test item 1-8 is with reference to NB-TOYS/2021-053 FINAL EC-type approval protocol No.2 Microbiological safety of toys containing aqueous media REV 4

Sample received condition: sample in closed original package.

----- End of Report -----

Zhejiang RTS Test Co., LTD.

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浙江省金华市义乌市后宅街道通泰路140号联东U谷1栋4楼401
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