

Report No.: COBO21010026E Date: Jan.13th.2021 Page 1 of 12

Applicant: Koomall Technology(Shenzhen)Co Ltd

Address: No.3 Ji'antai Industrial Park Fuqiao1 District Fuyong Bao'an Shenzhen City, Guangdong

Province, China

The following samples were submitted and identified on behalf of the clients as

Sample Name: POP IT FIDGET TOY

Model: TY-001

Description:

Just press the bubbles and they will make a slight popping sound, then flip it and

start over

Manufacturer: Koomall Technology(Shenzhen)Co Ltd

No.3 Ji'antai Industrial Park Fuqiao1 District Fuyong Bao'an Shenzhen

City, Guangdong Province, China

Age grading: 3 years+

Sample quantity: 3 PCS

Sample Received Date: Jan.11.2021

Test Period: Jan.11.2021 to Jan.13.2021

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

Authorized signatory
Title: Lab Manager

Sam

For and on behalf of

GUANGDONG COBO TESTING INSTITUTE CO., LTD



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#### 1. Test Conclusion

1.1 Physical and Mechanical Properties - Standard Consumer Safety Specification on Toy Safety ASTM F963- 17	PASS
1.2 16 CFR 1500.50 Test methods for simulating use and abuse of toys and other articles intended for use by children.	PASS
1.3 Flammability - Standard Consumer Safety Specification on Toy Safety ASTM F963-17	PASS
1.4 Total Lead Content in Surface Coating - Standard Consumer Safety Specification on Safety ASTM F963-17(No coating materials)	See result
1.5 Total Lead Content in Substrate- Standard Consumer Safety Specification on Toy Safety ASTM F963-17.Section4.3.5.2(2)(a)	PASS
1.6 Soluble Heavy Metals Content in surface coating - ASTM International Standard ASTM F963- 17. Section 4.3.5 1(2) (No coating materials)	See result
1.7 Soluble Heavy Metals Content in Substrate - ASTM International Standard ASTM F963-17 Section 4.3.5.2(2)(b)	PASS
1.8 Total Lead Content in surface coating - According to U.S. Consumer Product Safety Commission 16 C.FR. Part 1303(No coating materials)	See result
1.9 Total Lead Content in Substrate -Washington State-Children's Safe Product Act(CSPA,RCW70.240.010)	PASS
1.10 Total Cadmium Content in Substrate -Washington State -Children's Safe Product Act(CSPA,RCW70.240.010)	PASS
1.11 Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2)(No coating materials)	See result
1.12 Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)	PASS
1.13 Phthalates Content in Children's Toys and Childcare Articles (Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) Prohibition on Sale of Certain Products Containing Specified Phthalates - BBP / DBP /DEHP Content)	PASS
1.14 Phthalates Content in Children's Toys and Childcare Articles (Consumer Product Safety Improvement Act (CPSIA) of 2008 with its Amendments Commission Delegated Directive 16CFR 1307 Sec. 108(b)(3) Prohibition on Sale of Certain Products Containing Specified Phthalates - DINP/DIBP/DPENP/DHEXP/DCHP Content)	PASS
1.15 CPSIA Section 103- Tracking labels for children's products	PASS



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### 2. Test Result(s):

### 2.1 Physical and Mechanical Properties - ASTM F963-17

Test Method: ASTM F963-17

Section	Testing Items	Assessment
4.1	Material quality (visual check on cleanliness)	PASS
4.3	Toxicology	PASS
4.5	Sound producing toys	NA
4.6	Small objects	PASS
4.6.1	Toys intended for children under 36 months of age	NA
4.6.2	Mouth actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months—Small part warning	PASS
4.7	Accessible edges (under 8 years of age)	PASS
4.8	Projections (under 8 years of age)	NA
4.9	Accessible points (under 8 years of age)	PASS
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords and elastics in toys	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles (aged 96 months or less)	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers (under 36 months of age)	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys (under age of 18 months)	NA
4.25	Battery operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA



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4.27	Stuffed and beanbag type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons—safety labelling	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles (3 years of age or older)	NA
4.34	Balls	NA
4.35	Pompoms (under 3 years of age)	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
5	SAFETY LABELLING REQUIREMENTS	PASS
6	INSTRUCTIONAL LITERATURE	NA
	PRODUCER'S MARKING	PASS
7	- Name of producer/distributor (toy & package)	YES
	- Address (toy & package)	YES

### Note:

- 1. NA = Not Applicable. NR= Not tested (as per client's request.)
- 2. The name and address of the producer or the distributor shall be marked on the toy or the package.
- 3. YES = The information of submitted sample was found.
- 4. NO = The information of submitted sample was not found.
- 5. #1=AGE GRADING LABELING—TOYS THAT ARE SUBJECT TO ANY OF THE REQUIREMENTS OF THIS SPECIFICATION SHOULD BE LABELED TO INDICATE THE MINIMUM AGE FOR INTENDED USE OR HAVE SUCH LABELING ON ANY RETAIL PACKAGING.
- #2= PLASTIC/METAL/( ) PART(S) BECOME DETACHED AS SMALL PART(S) AFTER/BEFORE TEST, IT IS
  ACCEPTABLE BECAUSE APPROPRIATE AGE WARNING WAS FOUND ON THE
  PACKAGING/TOY/LABEL/INSTRUCTION.
- 7. #3= THE FINAL PRODUCT OR ITS PACKAGING MUST BE MARKED WITH THE NAME AND ADDRESS OF THE PRODUCER OR DISTRIBUTOR AS SPECIFIED IN SECTION 7 OF U.S. ASTM F963-17.
- 8. #4= THE PRODUCER'S/DISTRBUTOR'S NAME/ADDRESS WAS FOUND ON THE TOY/PACKAGEING. HOWER AS SPECIFIED IN SETION 7 OF U.S. ASTM F963-17, THE FINAL PRODUCT OR ITS PACFAGING MUST ALSO BE MARKED WITH THE ADDRESS/NAME.



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### 2.2 Normal use and abuse test

AS SPECIFIED IN TITLE 16, CODE OF FEDERAL REGULATIONS, CHAPTER II - CONSUMER PRODUCTS SAFETY COMMISSION OF U.S.A.

Normal use & Abuse test	SHARP POINT	SHARP EDGE	SMALL PART
Normal use & Abuse test	(1500.48)	(1500.49)	(1501)
Simulating Use (Sec.1500. 53)	PASS	PASS	PASS
Abuse Test (Sec.1500. 53)	PASS	PASS	PASS
Impact Test (Sec.1500.53b)	PASS	PASS	PASS
Bite Test (Sec.1500.52c)	PASS	PASS	PASS
Flexure Test (Sec.1500.53d)	NA	NA	NA
Torque Test (Sec.1500.53e)	PASS	PASS	PASS
Tension Test (Sec.1500.53f)	PASS	PASS	PASS
Compression Test (Sec.1500.53g)	PASS	PASS	PASS

Note: NA = Not Applicable.

NC= Not Conducted as per client's request.

Remark: The objective of 1500.51, 1500.52, and 1500.53 is to describe specific 16 CFR 1500.50 test

methods for simulating normal use of toys and other articles intended for use by children

### 2.3 Flammability - Standard Consumer Safety Specification on Toy Safety ASTM F963-17

Test Method: CPSC 16 CFR 1500.44

As per section 4.2 of the standard consumer safety specification on toy safety ASTM F963-17

Sample	Ignition point	Burn length (inch)	Time (sec)	Burn rate (inch/sec)	Limit (inch/sec)
Orange Plastic	Edge	0.167	56	0.003	0.1
Green Plastic	Edge	0.135	47	0.003	0.1

Note:

- 1. DNI = Did not ignite.
- 2. IBE = Ignited but self-extinguished before burn-rate could be determined.
- 3. All styles of the submitted toy samples (and its accessories) was/were tested, the above result only showed the most severe burn rate of the samples.



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## 2.4 <u>Total Lead Content in Surface Coating - Standard Consumer Safety Specification on Toy Safety ASTM F963-17(No coating materials)</u>

Test method: ASTM F963-17 Section 8.3.1

Test Item(s)	Maximum Allowable Limit	Material	Result (mg/kg)	Conclusion
Total Lead	90mg/kg	NO.1+NO.2	NA	No coating materials

## 2.5 <u>Total Lead Content in Surface Coating - Standard Consumer Safety Specification on Toy Safety ASTM</u> F963-17

Test method: ASTM F963-17 Section 8.3

Test Item(s)	Limit	Material	Result (mg/kg)	Conclusion
Total Lead	100mg/kg	NO.1+NO.2	N.D.	PASS

Note: N.D. = Not detected(<Report Limit)

NA = Not Applicable

mg/kg = milligram per kilogram = part per million

Report Limit: 10 mg/kg

# 2.6 Soluble Heavy Metals Content in Substrate - ASTM International Standard ASTM F963-17, Section 4.3.5.2(2)(b)

Test Method: ASTM F963-17, Section 8.3.5 (Excluding 8.3.5.5(3))

Test Item	As(s)	Ba(s)	Cd(s)	Cr(s)	Hg(s)	Pb(s)	Sb(s)	Se(s)
Limit (mg/kg)	25	1000	75	60	60	90	60	500
RL (mg/kg)	2.5	5	5	5	5	5	5	5
Material	Result (mg/kg)							
NO.1+NO.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.



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### 2.7 <u>Soluble Heavy Metals Content in surface coating - ASTM International Standard ASTM F963-17, Section</u>

4.3.5.1(2)( No coating materials)

Test Method: ASTM F963-17, Section 8.3.5 (Excluding 8.3.5.5(3))

Test Item	As(s)	Ba(s)	Cd(s)	Cr(s)	Hg(s)	Pb(s)	Sb(s)	Se(s)
Limit (mg/kg)	25	1000	75	60	60	90	60	500
RL (mg/kg)	2.5	5	5	5	5	5	5	5
Material	Result (mg/kg)							
NO.1+NO.2	NA	NA	NA	NA	NA	NA	NA	NA

Note: N.D. = Not detected(<Report Limit)

NA = Not Applicable

mg/kg = milligram per kilogram = part per million

RL = Report Limit

### 2.8 <u>Total Lead Content in surface coating – According to U.S. Consumer Product Safety Commission 16</u> <u>C.F.R. Part 1303(No coating materials)</u>

Test method: U.S. CPSC-CH-E1003-09.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry

Test Item(s)	Maximum Allowable Limit	Material	Result (mg/kg)	Conclusion	
Total Lead	90mg/kg	NO.1+NO.2	NA	No coating materials	

### 2.9 Total Lead Content in Substrate -Washington State-Children's Safe Product Act(CSPA,RCW70.240.010)

<u>Test method:</u> Reference to U.S. CPSC-CH-E1002-08.3, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

Test Item(s)	Limit	Material	Result (mg/kg)	Conclusion
Total Lead	100mg/kg	NO.1+NO.2	N.D.	PASS

Note: N.D. = Not detected(<Report Limit)

NA = Not Applicable

mg/kg = milligram per kilogram = part per million

Report Limit: 10 mg/kg



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## 2.10 <u>Total Cadmium Content in Substrate -Washington State-Children's Safe Product Act</u> (CSPA,RCW70.240.010)

<u>Test method:</u> Reference to U.S. CPSC-CH-E1002-08.3, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

Test Item(s)	Limit	Material	Result (mg/kg)	Conclusion
Total Cadmium	100mg/kg	NO.1+NO.2	N.D.	PASS

Note: N.D. = Not detected(<Report Limit)

mg/kg = milligram per kilogram = part per million

Report Limit: 10 mg/kg

### 2.11 <u>Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) (No coating materials)</u>

<u>Test method:</u> U. S. CPSC-CH-E1003-09.1, Analyzed by Inductively Coupled Plasma Optical Emission

Spectrometry.

Test Item(s)	Maximum Allowable Limit	Material	Result (mg/kg)	Conclusion
Total Lead	90mg/kg	NO.1+NO.2	NA	No coating materials

### 2.12 <u>Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA)</u> Section 101(a)(2)

Test method: For metal material: U.S. CPSC-CH-E1001-08.3

For nonmetal material: U.S. CPSC-CH-E1002-08.3

Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

Test Item(s)	Limit	Material	Result (mg/kg)	Conclusion
Total Lead	100mg/kg	NO.1+NO.2	N.D.	PASS

Note: N.D. = Not detected(<Report Limit)

NA = Not Applicable

mg/kg = milligram per kilogram = part per million

Report Limit: 10 mg/kg



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

Test Method: U. S. CPSC-CH-C1001-09.4, Analyzed by Gas Chromatography-Mass Spectrometer.

Test Item	CAS No.	Limit (mg/kg)	Result (mg/kg)
rest item	CAS NO.		NO.1+NO.2
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	N.D.
Dibutyl phthalate (DBP)	84-74-2	1000	N.D.
Benzylbutyl phthalate (BBP)	85-68-7	1000	N.D.

2.14 Phthalates Content in Children's Toys and Childcare Articles (Consumer Product Safety Improvement Act (CPSIA) of 2008 with its Amendments Commission Delegated Directive 16CFR1307 Sec. 108(b)(3)

Prohibition on Sale of Certain Products Containing Specified Phthalates - DINP / DIBP /

DPENP/DHEXP/DCHP Content)

Test Method: With reference to U. S. CPSC-CH-C1001-09.4, Analyzed by Gas Chromatography-Mass Spectrometer.

	CAS No.	Limit (mg/kg)	Result (mg/kg)	
Test Item			NO.1+NO.2	
Di-isononyl phthalate (DINP)	28553-12-0	1000	N.D.	
Diisobutyl phthalate (DIBP)	84-69-5	1000	N.D.	
Dipentyl phthalate(DPENP)	131-18-0	1000	N.D.	
Diethyl phthalate(DHEXP)	84-75-3	1000	N.D.	
Dicyclohexyl phthalate (DCHP)	84-61-7	1000	N.D.	

Note:

- 1, mg/kg = milligram per kilogram.
- 2 RL (Report Limit) = 50mg/kg.
- 3、N.D. = Not Detected (< RL).

Remark: Composite testing(s) was specified by client



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#### 2.15 Tracking labels for children's products

The information of the product:

Name of the manufacturer: Koomall Technology(Shenzhen)Co Ltd

Manufacturer location: No.3 Ji'antai Industrial Park Fuqiao1 District Fuyong Bao'an Shenzhen City,

Guangdong Province, China

Date of production of the product: 2021-1-4

Cohort information:

The information of the packaging: TY-001

Name of the manufacturer: Koomall Technology(Shenzhen)Co Ltd

Manufacturer location: No.3 Ji'antai Industrial Park Fuqiao1 District Fuyong Bao'an Shenzhen City,

Guangdong Province, China

Date of production of the product: 2021-1-4

Cohort information: /



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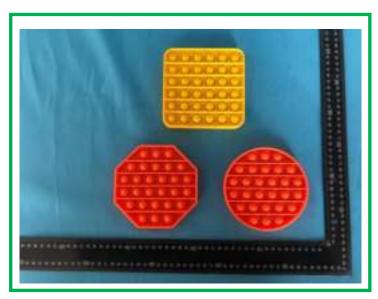


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### 3. Sample description

No.1: Orange plastic No.2: Red plastic

### **Photo of the Sample**







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### △ WARNING: CHOKING HAZARD—Small parts. Not for children under 3 yrs.

Product Description	POP IT FIDGET TOT
Model No./Type	TY-001
Manufacturer	Moomall Technology(Shenzhen)Co Ltd
Manufacturer address	No.3 Ji'antai Industrial Park Fuqiaol District Fuyong Bao'an Shenzhen City, Guangdong Province, China
Age grading:	3+
Production Date:*	3021-1-4

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