



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: T52210261852TY

Date: MAY 30, 2022

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HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD HAPE
INTERNATIONAL (NINGBO) LTD
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,
BEILUN, NINGBO, CHINA PC:315800

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

E1810 COUNTRY CRITTERS PLAY CUBE

Item No. : E1810
Asin NO : B00DUDSU70
Country of Origin : CHINA
Country of Destination : GLOBAL
Client Reference Information : E1810A,E1810B
Labeled Age Grading : 12M+
Requested Age Grading : 12M+

Age Group Assessed by SGS As Per Age : OVER 12 MONTHS
Guideline
Age Group Applied in Testing : OVER 12 MONTHS
Sample Receiving Date : APR 22, 2022
Further Information Date : MAY 19, 2022
Testing Period : APR 22, 2022 TO MAY 30, 2022



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Shenzhen Branch Testing Center Hardlines

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Test Requested		Conclusion
1.	For compliance with the test requirement of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety.(Except tools)	--
	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
2.	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: <ul style="list-style-type: none"> - 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
3.	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
4.	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	PASS*



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Test Requested		Conclusion
5.	CPSIA section 101 - Total Lead content	--
	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
	Client's Requirement – Lead in paint/similar surface coating material	PASS
	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
	Client's Requirement –Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS

Remark: Test item(s) with “*” is(are) not accredited by CNAS.

***** 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



T52210261852TY

Qu Ping, Kiky
Dept. Manager
CNAS Approved Signatories

Huang Yao, Lucy
Section Head
CNAS Approved Signatories



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Results:

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	
4.3.2	Manufacturing and Packaging of Food	N/A
4.3.3	Indirect Food Additives	N/A
4.3.4	Cosmetics	N/A
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)
4.3.6	Cosmetic, Liquids, Pastes, Putties, Gels, Powders and Item of Avian Feather Origin	N/A
4.3.7	Stuffing Materials	N/A
4.3.8	DEHP (DOP)	N/A
4.4	Electrical/Thermal Energy	N/A
4.5	Sound-Producing Toys	N/A
4.6.1	Small Objects	Pass*
	*Retest samples were submitted on May 19, 2022.	
4.6.2	Mouth-Actuated Toys	N/A
4.6.3	Labelling Requirements	N/A
4.7	Accessible Edges	Pass
4.8	Projections	N/A
4.9	Accessible Points	Pass
4.10	Wires or Rods	Pass



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Clause	Description	Result
4.11	Nails and Fasteners	Pass
4.12	Plastic Film	N/A
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps and Elastic	Pass
4.15	Stability and Over-Load Requirements	N/A
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance & Accessibility of Mechanisms	N/A
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (Non-rechargeable battery)	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys and Nearly Spherical Ends	N/A
4.33	Marbles	N/A
4.34	Balls	Pass
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chest	N/A
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	Pass



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Clause	Description	Result
5.3	Safety Labeling Requirements *Retest samples were submitted on May 19, 2022.	<u>Pass*</u>
5.4	Aquatic Toys	<u>N/A</u>
5.5	Crib & Playpen Toys	<u>N/A</u>
5.6	Mobile	<u>N/A</u>
5.7	Stroller and Carriage Toys	<u>N/A</u>
5.8	Toys Intended to be Assembled by an Adult *Retest samples were submitted on May 19, 2022.	<u>Pass*</u>
5.9	Simulated Protective Devices	<u>N/A</u>
5.10	Toys with Functional Sharp Edges and Sharp Points	<u>N/A</u>
5.11	Small Objects, Small Balls, Marbles, and Balloons	<u>N/A</u>
5.12	Toy Caps	<u>N/A</u>
5.13	Art Materials	<u>N/A</u>
5.14	Electric Toys	<u>N/A</u>
5.15	Battery-Operated Toys	<u>N/A</u>
5.16	Promotional Materials	<u>Pass</u>
5.17	Magnets	<u>N/A</u>
6	Instructional Literature	
6.2	Crib & Playpen Toys	<u>N/A</u>
6.3	Mobiles	<u>N/A</u>
6.4	Toys Intended to be Assembled by an Adult *Retest samples were submitted on May 19, 2022.	<u>Pass*</u>
6.5	Battery-Operated Toys	<u>N/A</u>
6.6	Battery Powered Ride-on Toys	<u>N/A</u>
6.7	Toys in Contact with Food	<u>N/A</u>
6.8	Toy Chests	<u>N/A</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
7.2	Battery-Powered Ride-on Toys	<u>N/A</u>
7.3	Toy Chests	<u>N/A</u>
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>



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<u>Clause</u>	<u>Description</u>	<u>Result</u>
8.9	Tension Test	<u>Pass</u>
8.10	Compression Test	<u>Pass</u>
8.12	Flexure Test	<u>Pass</u>
8.16	Tension Test for Pompoms	<u>N/A</u>

N/A = Not Applicable

** Visual Examination

Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>
E1810 COUNTRY CRITTERS PLAY CUBE	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.

DNI = Did Not Ignite



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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. Transparent lacquer w/ light purple coating on wood (Block, board) + Transparent lacquer w/ dark purple coating on wood (Ball, bead) + Transparent lacquer w/ sky-blue coating on wood (Block, bead, board)	2	1	ND
2. Transparent lacquer w/ yellow coating on wood (Block, bead) + Transparent lacquer w/ dark orange coating on wood (Block, bead)	2	2	ND
3. Yellow-green coating on wood (Board) + Green w/ pale blue coating on wood (Frog) w/ Dull green coating on wood (Board)	2	3	ND
4. Light blue coating on wood (Pole) + Yellow coating on wood (Pole) + Red coating on wood (Pole)	2	4	ND
5. Purple coating on wood (Pole) + Orange coating on wood (Pole) + Dark blue coating on wood (Pole)	2	5	ND
6. Pale blue coating on wood (Board) w/ White coating on wood (Block, bead) w/ Black coating on wood (Board) w/ Dull yellow coating on wood (Board)	2	6	ND
7. Transparent lacquer w/ dark blue coating on wood (Hammer, board, bead) + Transparent lacquer w/ red coating on wood (Handle, bead, board) w/ Red coating on wood (Hammer, board)	2	7	ND
8. Light green coating on wood (Hammer, tree) w/ Dull brown coating on wood (Tree, logo)	2	8	ND
9. Transparent lacquer on wood (Hammer, board) w/ Orange-yellow coating on wood (Hammer, board) w/ Pale yellow coating on wood (Board)	2	9	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	1	2	15.5	ND	ND	ND	ND	ND	ND	ND	ND
2	1	3	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	4	/	ND	ND	ND	ND	ND	ND	ND	ND
4	1	5	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	6	/	ND	ND	ND	ND	ND	ND	ND	ND
6	1	7	/	ND	ND	ND	ND	ND	ND	ND	ND
7	1	8	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	9	/	ND	ND	ND	ND	ND	ND	ND	ND
9	1	11	/	ND	ND	ND	27	ND	ND	ND	ND
10	1	12	48.9	ND	ND	ND	145	ND	ND	ND	ND
11	1	13	99.7	ND	ND	ND	62	ND	ND	ND	ND
12	1	14	/	ND	ND	ND	90	ND	ND	ND	ND
13	1	15	/	ND	ND	ND	203	ND	ND	ND	ND
14	1	16	/	ND	ND	ND	80	ND	ND	ND	ND
15	1	17	30.4	ND	ND	ND	ND	ND	ND	ND	ND
16	1	18	16.3	ND	ND	ND	ND	ND	ND	ND	ND
17	1	27	80.3	ND	ND	ND	ND	ND	ND	ND	ND
18	1	28	11.6	ND	ND	ND	ND	ND	ND	ND	ND
19	1	29	/	ND	ND	ND	ND	ND	ND	ND	ND
20	1	30	/	ND	ND	ND	ND	ND	ND	ND	ND
21	1	31	/	ND	ND	ND	ND	ND	ND	ND	ND
22	1	32	38.2	ND	ND	ND	ND	ND	ND	ND	ND
23	1	36	/	ND	ND	ND	ND	ND	ND	ND	ND
24	1	38	/	ND	ND	ND	ND	ND	ND	ND	ND



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Specimen Description:

1. Orange-yellow coating on wood (Hammer, board)
2. Transparent lacquer w/ light purple coating on wood (Block, board)
3. Transparent lacquer w/ dark purple coating on wood (Ball, bead)
4. Transparent lacquer w/ sky-blue coating on wood (Block, bead, board)
5. Transparent lacquer w/ yellow coating on wood (Block, bead)
6. Transparent lacquer w/ dark orange coating on wood (Block, bead)
7. Yellow-green coating on wood (Board)
8. Green w/ pale blue coating on wood (Frog)
9. Light blue coating on wood (Pole)
10. Yellow coating on wood (Pole)
11. Red coating on wood (Pole)
12. Purple coating on wood (Pole)
13. Orange coating on wood (Pole)
14. Dark blue coating on wood (Pole)
15. Pale yellow coating on wood (Board)
16. Dull brown coating on wood (Tree, logo)
17. Pale blue coating on wood (Board)
18. White coating on wood (Block, bead)
19. Transparent lacquer w/ dark blue coating on wood (Hammer, board, bead)
20. Transparent lacquer w/ red coating on wood (Handle, bead, board)
21. Red coating on wood (Hammer, board)
22. Light green coating on wood (Hammer, tree)
23. Transparent lacquer on wood (Hammer, board)
24. Black coating on wood (Board)



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- Note:
- ppm = parts per million
 - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - Soluble Heavy Metal Content :
 Result(s) of specimen No.18 is(are) extracted from report No. T52110311130TY
 Result(s) of specimen No.19- No.20 is(are) extracted from report No. T52210241079TY
 Result(s) of specimen No.21 is(are) extracted from report No. T52110300913TY
 Result(s) of specimen No.22 is(are) extracted from report No. T52210250061TY
 Result(s) of specimen No.23 is(are) extracted from report No. T52110321298TY
 Result(s) of specimen No.24 is(are) extracted from report No. T52110280193TY

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for certain migration elements, as specified in ASTM F963-17 Clause 8.3.3.6 (2) – Selection of Test Portions

Dull green coating on wood (Board)

Dull yellow coating on wood (Board)



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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. Red plastic (Holder) + White plastic (Holder) + Orange plastic (Turnplate)	3	1	ND
2. Cream plastic (PC) (Holder) + Transparent plastic (PMMA) (Turnplate)	3	2	ND
3. Dark brown hardboard + Cream plywood (Board) + Brown Hardboard	3	3	ND
4. White rubber core (Elastic cord) + Translucent white soft plastic (TPE) (Washer) w/ Transparent dry glue (Fastener)	4	1	16
5. Silvery metal pole	9	1	ND
6. Silvery metal bolt	9	2	16
7. Silvery metal big bolt	9	3	ND
8. Silvery metal nut	9	4	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	1	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	1	19	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	20	/	ND	ND	ND	ND	ND	ND	ND	ND
4	1	21	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	22	/	ND	ND	ND	ND	ND	ND	ND	ND
6	1	23	/	ND	ND	ND	ND	ND	ND	ND	ND
7	1	24	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	25	/	ND	ND	ND	ND	ND	ND	ND	ND
9	1	26	49.4	ND	ND	ND	ND	ND	ND	ND	ND
10	1	33	/	ND	ND	ND	13	ND	ND	ND	ND
11	1	34	/	ND	ND	ND	ND	ND	ND	ND	ND
12	1	35	/	ND	ND	ND	ND	ND	ND	ND	ND
13	1	37	/	ND	ND	ND	12	ND	ND	ND	ND



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Specimen Description:

1. White rubber core (Elastic cord)
2. Translucent white soft plastic (TPE) (Washer)
3. Red plastic (Holder)
4. White plastic (Holder)
5. Orange plastic (Turnplate)
6. Cream plastic (PC) (Holder)
7. White fabric cord
8. Dark brown hardboard
9. Transparent dry glue (Fastener)
10. White woven cord (Elastic cord)
11. Transparent plastic (PMMA) (Turnplate)
12. Cream plywood (Board)
13. Brown Hardboard

Note:

- ppm = parts per million
- µg/component = microgramme per component
- 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- Soluble Heavy Metal Content :
Result(s) of specimen No.10 is(are) extracted from report No. T52210250061TY
Result(s) of specimen No.11 is(are) extracted from report No. T52210251514TY
Result(s) of specimen No.12 is(are) extracted from report No. T52110242056TY
Result(s) of specimen No.13 is(are) extracted from report No. T52110280193TY



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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

	<u>No. of sample tested</u>	<u>Sharp point (16 CFR 1500.48)</u>	<u>Sharp edge (16 CFR 1500.49)</u>	<u>Small part (16 CFR 1501)</u>
As received	1	Pass	Pass	Pass
Impact test (16 CFR 1500.51b)	1	Pass	Pass	Pass
Bite test (16 CFR 1500.52c)	1	N/A	N/A	N/A
Flexure test (16 CFR 1500.53d)	1	Pass	Pass	Pass
Torque test (16 CFR 1500.53e)	1	Pass	Pass	Pass
Tension test (16 CFR 1500.52f)	1	Pass	Pass	Pass
Compression test (16 CFR 1500.53g)	1	Pass	Pass	Pass

N/A = Not Applicable

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

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>
E1810 COUNTRY CRITTERS PLAY CUBE	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.

DNI = Did Not Ignite



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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. Transparent lacquer w/ light purple coating on wood (Block, board) + Transparent lacquer w/ dark purple coating on wood (Ball, bead) + Transparent lacquer w/ sky-blue coating on wood (Block, bead, board)	5	1	ND
2. Transparent lacquer w/ yellow coating on wood (Block, bead) + Transparent lacquer w/ dark orange coating on wood (Block, bead)	5	2	ND
3. Yellow-green coating on wood (Board) + Green w/ pale blue coating on wood (Frog) w/ Dull green coating on wood (Board)	5	3	ND
4. Light blue coating on wood (Pole) + Yellow coating on wood (Pole) + Red coating on wood (Pole)	5	4	ND
5. Purple coating on wood (Pole) + Orange coating on wood (Pole) + Dark blue coating on wood (Pole)	5	5	ND
6. Pale blue coating on wood (Board) w/ White coating on wood (Block, bead) w/ Black coating on wood (Board) w/ Dull yellow coating on wood (Board)	5	6	ND
7. Transparent lacquer w/ dark blue coating on wood (Hammer, board, bead) + Transparent lacquer w/ red coating on wood (Handle, bead, board) w/ Red coating on wood (Hammer, board)	5	7	ND
8. Light green coating on wood (Hammer, tree) w/ Dull brown coating on wood (Tree, logo)	5	8	ND
9. Transparent lacquer on wood (Hammer, board) w/ Orange-yellow coating on wood (Hammer, board) w/ Pale yellow coating on wood (Board)	5	9	ND

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



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As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label found on the packaging:

- 1) Name: Hape International AG
- 2) Location: Made in China
P2122402147 NBCN 09/2021
- 3) Date: P2122402147 NBCN 09/2021
- 4) Cohort information: P2122402147 NBCN 09/2021

- Tracking label found on the product:

- 1) Name: Hape International AG
- 2) Location: Made in China
P2122402147 NBCN 09/2021
- 3) Date: P2122402147 NBCN 09/2021
- 4) Cohort information: P2122402147 NBCN 09/2021

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.



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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
Client's limit (ppm)			40
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Transparent lacquer w/ light purple coating on wood (Block, board) + Transparent lacquer w/ dark purple coating on wood (Ball, bead) + Transparent lacquer w/ sky-blue coating on wood (Block, bead, board)	6	1	ND
2. Transparent lacquer w/ yellow coating on wood (Block, bead) + Transparent lacquer w/ dark orange coating on wood (Block, bead)	6	2	ND
3. Yellow-green coating on wood (Board) + Green w/ pale blue coating on wood (Frog) w/ Dull green coating on wood (Board)	6	3	ND
4. Light blue coating on wood (Pole) + Yellow coating on wood (Pole) + Red coating on wood (Pole)	6	4	ND
5. Purple coating on wood (Pole) + Orange coating on wood (Pole) + Dark blue coating on wood (Pole)	6	5	ND
6. Pale blue coating on wood (Board) w/ White coating on wood (Block, bead) w/ Black coating on wood (Board) w/ Dull yellow coating on wood (Board)	6	6	ND
7. Transparent lacquer w/ dark blue coating on wood (Hammer, board, bead) + Transparent lacquer w/ red coating on wood (Handle, bead, board) w/ Red coating on wood (Hammer, board)	6	7	ND
8. Light green coating on wood (Hammer, tree) w/ Dull brown coating on wood (Tree, logo)	6	8	ND
9. Transparent lacquer on wood (Hammer, board) w/ Orange-yellow coating on wood (Hammer, board) w/ Pale yellow coating on wood (Board)	6	9	ND

Note:

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



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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
Client's limit (ppm)			40
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Red plastic (Holder) + White plastic (Holder) + Orange plastic (Turnplate)	7	1	ND
2. Cream plastic (PC) (Holder) + Transparent plastic (PMMA) (Turnplate)	7	2	ND
3. Dark brown hardboard + Cream plywood (Board) + Brown Hardboard	7	3	ND
4. White rubber core (Elastic cord) + Translucent white soft plastic (TPE) (Washer) w/ Transparent dry glue (Fastener)	8	1	16
5. Silvery metal pole	10	1	ND
6. Silvery metal bolt	10	2	16
7. Silvery metal big bolt	10	3	ND
8. Silvery metal nut	10	4	ND

** Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

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



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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. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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