



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: T52010290875TY

Date: OCT 29, 2020

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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:

E3172 DELICIOUS BREAKFAST PLAYSET
E3173 PERFECT PIZZA PLAYSET
E3175 PERFECT POPSICLES

Item No. : E3172, E3173, E3175
Country of Destination : GLOBAL
Client Reference Information : E3172A,E3173A,E3175A
Labeled Age Grading : 3Y+
Requested Age Grading : 3Y+

Age Group Assessed by SGS As Per Age : OVER 2 YEARS
Guideline
Age Group Applied in Testing : OVER 2 YEARS
Sample Receiving Date : SEP 14, 2020
Further Information Date : OCT 27, 2020
Testing Period : SEP 14, 2020 TO OCT 29, 2020



SGS-CSTC (Shenzhen) Technical Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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Test Requested	Conclusion
1. Per applicant's request, for compliance with the selected requirement(s) of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety. Refer to test result page(s) for details. (Selected tests item as specified by the applicant, please refer to test result page(s) for details)	--
ASTM F963-17 Standard Consumer Safety Specification for Toy Safety (Except clause 4.3.3)	PASS
2. 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
3. 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
4.	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 paint/similar surface coating material	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





Liu Junjie, Tony
Section Manager
CNAS Approved Signatories

Qu Ping, Kiky
Dept. Manager
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
4.3.4	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 (* The tests specified in this clause are not in the scope of CNAS accreditation.)	Pass*
4.3.8	DEHP (DOP)	N/A
4.4	Electrical/Thermal Energy	N/A
4.5	Sound-Producing Toys	Pass
4.6.1	Small Objects	Pass
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	N/A
4.11	Nails and Fasteners	Pass
4.12	Plastic Film	Pass
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps and Elastic	N/A



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Clause	Description	Result
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	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	Pass
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	N/A
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
5.3	Safety Labeling Requirements	N/A
5.4	Aquatic Toys	N/A
5.5	Crib & Playpen Toys	N/A
5.6	Mobile	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	N/A
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges and Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles, and Balloons	N/A



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Clause	Description	Result
5.12	Toy Caps	N/A
5.13	Art Materials	N/A
5.14	Electric Toys	N/A
5.15	Battery-Operated Toys	N/A
5.16	Promotional Materials	Pass
5.17	Magnets	N/A
6	Instructional Literature	
6.2	Crib & Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery Powered Ride-on Toys	N/A
6.7	Toys in Contact with Food	Pass
6.8	Toy Chests	N/A
7	Producer's Markings	
7.1	Producer's Markings	Pass
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy Chests	N/A
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
8.12	Flexure Test	N/A
8.16	Tension Test for Pompoms	N/A

N/A = Not Applicable

** Visual Examination



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Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample

E3172 DELICIOUS BREAKFAST PLAYSET
E3173 PERFECT PIZZA PLAYSET
E3175 PERFECT POPSICLES

Burning Rate (inch/sec)

0.1*

*Burning rate has been rounded to the nearest one tenth of an inch per second.

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.



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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

Method: With reference to 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/ grass-green coating on wood (Broccoli) + White w/ black coating on fabric (Sewn-in label) + Brown w/ light brown coating on wood (Bread) w/ Black coating on wood (Lettering)	4	1	ND
2. Transparent lacquer w/ orange, pale pink coating on wood (Popsicle) + Transparent lacquer w/ dark pink, dull orange coating on wood (Popsicle) + Pale purple w/ dull purple, vivid purple coating on wood (Yogurt)	4	2	ND
3. Transparent lacquer w/ red coating on wood (Popsicle, tomato) + Transparent lacquer w/ orange coating on wood (Bottle) + White coating on wood (Egg, yogurt, bottle)	4	4	ND
4. Transparent lacquer w/ multi-color coating on wood (Pattern) + Multi-color coating on paper (Bag, milk)	4	5	ND
5. Transparent lacquer w/ yellow coating on wood (Yellow pepper) + Transparent lacquer w/ light purple coating on wood (Oinon) + Transparent lacquer coating on wood (Tool, cover, popsicle)	4	6	ND
6. Transparent lacquer w/ blue coating on wood (Bowl)	01T-1	1	ND
7. Grey w/ vivid orange coating on wood (Handle of tool)	01T-1	2	17
8. Bright grey coating on wood (Handle of tool)	01T-1	3	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	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	1	4	19.3	ND	ND	ND	ND	ND	ND	ND	ND
3	1	14	/	ND	ND	ND	ND	ND	ND	ND	ND
4	1	15	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	20	57.9	ND	ND	ND	ND	ND	ND	ND	ND
6	1	21	/	ND	ND	ND	ND	ND	ND	ND	ND
7	1	22	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	23	99.9	ND	ND	ND	ND	ND	ND	ND	ND
9	1	24	27.7	ND	ND	ND	ND	ND	ND	ND	ND
10	1	25	99.9	ND	ND	ND	ND	ND	ND	ND	ND
11	1	28	/	ND	ND	ND	ND	ND	ND	ND	ND
12	1	29	/	ND	ND	ND	ND	ND	ND	ND	ND
13	1	30	/	ND	ND	ND	ND	ND	ND	ND	ND
14	1	31	/	ND	ND	ND	ND	ND	ND	ND	ND
15	1	32	/	ND	ND	ND	ND	ND	ND	ND	ND
16	1	35	/	ND	ND	ND	ND	ND	ND	ND	ND
17	1	36	/	ND	ND	ND	ND	ND	ND	ND	ND



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Specimen Description:

1. Transparent lacquer w/ grass-green coating on wood (Broccoli)
2. White w/ black coating on fabric (Sewn-in label)
3. Transparent lacquer w/ orange, pale pink coating on wood (Popsicle)
4. Transparent lacquer w/ dark pink, dull orange coating on wood (Popsicle)
5. Brown w/ light brown coating on wood (Bread)
6. Pale purple w/ dull purple, vivid purple coating on wood (Yogurt)
7. Transparent lacquer w/ blue coating on wood (Bowl)
8. Grey w/ vivid orange coating on wood (Handle of tool)
9. Bright grey coating on wood (Handle of tool)
10. Transparent lacquer w/ red coating on wood (Popsicle, tomato)
11. Transparent lacquer w/ orange coating on wood (Bottle)
12. Transparent lacquer w/ multi-color coating on wood (Pattern)
13. Transparent lacquer w/ yellow coating on wood (Yellow pepper)
14. Transparent lacquer w/ light purple coating on wood (Oinon)
15. White coating on wood (Egg, yogurt, bottle)
16. Transparent lacquer coating on wood (Tool, cover, popsicle)
17. Multi-color coating on paper (Bag, milk)



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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)
 - Migration results of eight elements shown are of the adjusted analytical results
 - For Soluble Heavy Metal Content & Total Lead Content in composite: The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - For Soluble Heavy Metal Content :
Result(s) of specimen No.10 is(are) extracted from report No.T52010250439TC
Result(s) of specimen No.11- No.15 is(are) extracted from report No.T52010290871TY
Result(s) of specimen No.16 is(are) extracted from report No.T51910302056TY

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

Black coating on wood (Lettering)



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

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3

Method (metal materials): With reference to CPSC-CH-E1001-08.3

Method: With reference to 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)	100		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Silvery metal rivet nail on cutter	2	1	ND
2. Silvery metal rivet nut on cutter	2	2	ND
3. White plastic (Bowl) (ABS)	3	1	ND
4. Yellow colored series felt (Pizza) w/ Green colored series felt (Pizza) w/ Black colored series felt (Pizza)	3	2	ND
5. White felt w/ brown, dark brown printing (Pizza) + Red colored series felt (Pizza, shrimp) + Brown colored series felt (Mushroom)	3	3	ND
6. Pink felt w/ red, dull red, apricot printing (Sausage) + White felt w/ multi-color printing (Tomato) + White felt w/ green printing (Leaf)	3	4	ND
7. Brown hardboard + Cream plywood	3	5	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	2	/	ND	ND	ND	ND	ND	ND	ND	ND
2	1	3	/	ND	14	ND	ND	ND	ND	ND	ND
3	1	5	/	ND	ND	ND	ND	ND	ND	ND	ND
4	1	6	/	ND	16	ND	ND	ND	ND	ND	ND
5	1	7	/	ND	6	ND	ND	ND	ND	ND	ND
6	1	8	/	ND	5	ND	ND	ND	ND	ND	ND
7	1	9	/	ND	5	ND	ND	ND	ND	ND	ND
8	1	10	/	ND	5	ND	ND	ND	ND	ND	ND
9	1	11	/	ND	5	ND	ND	ND	ND	ND	ND
10	1	12	/	ND	5	ND	ND	ND	ND	ND	ND
11	1	13	/	ND	ND	ND	ND	ND	ND	ND	ND
12	1	16	/	ND	5	ND	ND	ND	ND	ND	ND
13	1	17	/	ND	6	ND	ND	ND	ND	ND	ND
14	1	18	/	ND	ND	ND	ND	ND	ND	ND	ND
15	1	19	/	ND	ND	ND	ND	ND	ND	ND	ND
16	1	26	/	ND	ND	ND	ND	ND	ND	ND	ND
17	1	27	/	ND	ND	ND	ND	ND	ND	ND	ND
18	1	33	/	ND	ND	ND	ND	ND	ND	ND	ND
19	1	34	/	ND	16	ND	ND	ND	ND	ND	ND
20	1	38	/	ND	ND	ND	ND	ND	ND	ND	ND
21	1	39	/	ND	ND	ND	ND	ND	ND	ND	ND



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Specimen Description:

1. Brown felt w/ brown fabric thread (Pizza)
2. White felt w/ brown, dark brown printing (Pizza)
3. White fabric (Sewn-in label)
4. Cream felt (Onion ring)
5. Black felt (Olive)
6. Brown colored series felt (Mushroom)
7. Green colored series felt (Pizza)
8. Yellow colored series felt (Pizza)
9. Red colored series felt (Pizza, shrimp)
10. Black colored series felt (Pizza)
11. Pink felt w/ red, dull red, apricot printing (Sausage)
12. Yellow felt (Cheese)
13. White felt w/ multi-color printing (Tomato)
14. White plastic (Bowl) (ABS)
15. Yellow hook & loop fastener (Egg)
16. Brown hardboard
17. Cream plywood
18. Cream hook & loop fastener (Yogurt)
19. White felt w/ green printing (Leaf)
20. White polyfiber (Inner of pizza)
21. Off-white polyfiber (Inner of pizza)



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- Note:
- ppm = parts per million
 - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Migration results of eight elements shown are of the adjusted analytical results
 - For Soluble Heavy Metal Content & Total Lead Content in composite: The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - For Soluble Heavy Metal Content :
 Result(s) of specimen No.16 is(are) extracted from report No.T51910311650TY
 Result(s) of specimen No.17 is(are) extracted from report No.T51910302056TY
 Result(s) of specimen No.18-No.19 is(are) extracted from report No.T52010290871TY



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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/ grass-green coating on wood (Broccoli) + White w/ black coating on fabric (Sewn-in label) + Brown w/ light brown coating on wood (Bread) w/ Black coating on wood (Lettering)	5	1	ND
2. Transparent lacquer w/ orange, pale pink coating on wood (Popsicle) + Transparent lacquer w/ dark pink, dull orange coating on wood (Popsicle) + Pale purple w/ dull purple, vivid purple coating on wood (Yogurt)	5	2	ND
3. Transparent lacquer w/ red coating on wood (Popsicle, tomato) + Transparent lacquer w/ orange coating on wood (Bottle) + White coating on wood (Egg, yogurt, bottle)	5	4	ND
4. Transparent lacquer w/ multi-color coating on wood (Pattern) + Multi-color coating on paper (Bag, milk)	5	5	ND
5. Transparent lacquer w/ yellow coating on wood (Yellow pepper) + Transparent lacquer w/ light purple coating on wood (Oinon) + Transparent lacquer coating on wood (Tool, cover, popsicle)	5	6	ND
6. Transparent lacquer w/ blue coating on wood (Bowl)	01T-2	1	ND
7. Grey w/ vivid orange coating on wood (Handle of tool)	01T-2	2	17
8. Bright grey coating on wood (Handle of tool)	01T-2	3	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm
 - For composite test: The result(s) is (are) calculated using the minimum specimen weight and the decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.



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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: Item E3172: PO2022401432NBCN07/2020;
Item E3175: PO2022401140NBCN08/2020;
Item E3173: PO2022401269NBCN06/2020
- 3) Date: Item E3172: PO2022401432NBCN07/2020;
Item E3175: PO2022401140NBCN08/2020;
Item E3173: PO2022401269NBCN06/2020
- 4) Cohort information: Item E3172: PO2022401432NBCN07/2020;
Item E3175: PO2022401140NBCN08/2020;
Item E3173: PO2022401269NBCN06/2020

- Tracking label found on the product:

- 1) Name: Hape International AG
- 2) Location: Item E3173: P20224001269NBCN06/2020;
Item E3172: P2022401432NBCN07/2020;
Item E3175: P2022401140NBCN08/2020
- 3) Date: Item E3173: P20224001269NBCN06/2020;
Item E3172: P2022401432NBCN07/2020;
Item E3175: P2022401140NBCN08/2020
- 4) Cohort information: Item E3173: P20224001269NBCN06/2020;
Item E3172: P2022401432NBCN07/2020;
Item E3175: P2022401140NBCN08/2020

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/ grass-green coating on wood (Broccoli) + White w/ black coating on fabric (Sewn-in label) + Brown w/ light brown coating on wood (Bread) w/ Black coating on wood (Lettering)	7	1	ND
2. Transparent lacquer w/ orange, pale pink coating on wood (Popsicle) + Transparent lacquer w/ dark pink, dull orange coating on wood (Popsicle) + Pale purple w/ dull purple, vivid purple coating on wood (Yogurt)	7	2	ND
3. Transparent lacquer w/ red coating on wood (Popsicle, tomato) + Transparent lacquer w/ orange coating on wood (Bottle) + White coating on wood (Egg, yogurt, bottle)	7	4	ND
4. Transparent lacquer w/ multi-color coating on wood (Pattern) + Multi-color coating on paper (Bag, milk)	7	5	ND
5. Transparent lacquer w/ yellow coating on wood (Yellow pepper) + Transparent lacquer w/ light purple coating on wood (Oinon) + Transparent lacquer coating on wood (Tool, cover, popsicle)	7	6	ND
6. Transparent lacquer w/ blue coating on wood (Bowl)	01T-3	1	ND
7. Grey w/ vivid orange coating on wood (Handle of tool)	01T-3	2	17
8. Bright grey coating on wood (Handle of tool)	01T-3	3	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm
 - For composite test: The result(s) is (are) calculated using the minimum specimen weight and the decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.



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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. White plastic (Bowl) (ABS)	6	1	ND
2. Yellow colored series felt (Pizza) w/ Green colored series felt (Pizza) w/ Black colored series felt (Pizza)	6	2	ND
3. White felt w/ brown, dark brown printing (Pizza) + Red colored series felt (Pizza, shrimp) + Brown colored series felt (Mushroom)	6	3	ND
4. Pink felt w/ red, dull red, apricot printing (Sausage) + White felt w/ multi-color printing (Tomato) + White felt w/ green printing (Leaf)	6	4	ND
5. Brown hardboard + Cream plywood	6	5	ND
6. Silvery metal rivet nail on cutter	8	1	ND
7. Silvery metal rivet nut on cutter	8	2	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
 - For composite test: The result(s) is (are) calculated using the minimum specimen weight and the decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.



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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 $[T_L - U_{95}, T_L + U_{95}]$



SGS-CSTC Technical Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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Sample Picture (As received)

Pic.1



Pic.2



Pic.3



SGS authenticate the photo on original report only

*** End of Report ***