

Test Report

No.: 70.452.22.11590.08

Date: 2023-01-18

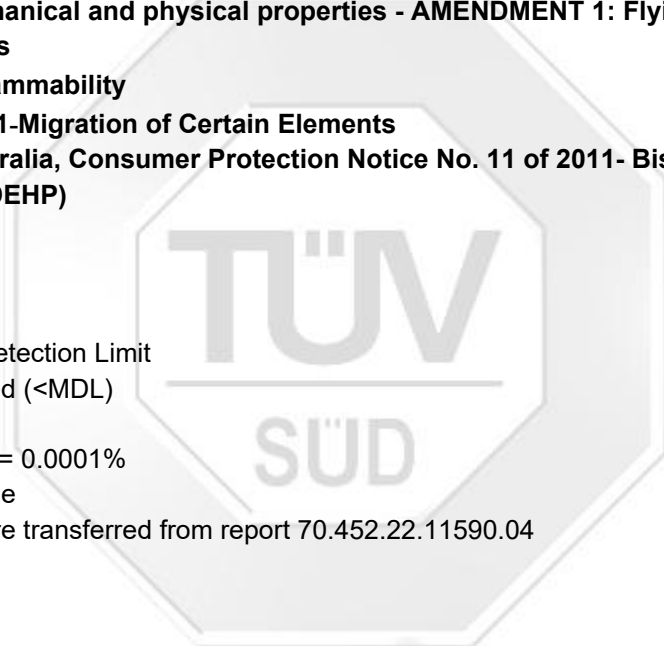


Greater China

Applicant: HAPE INTERNATIONAL (NINGBO) LTD.
HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD
Address: 9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN,NINGBO,CHINA
PC:315800
Product Name: Art Toolkit
Model No: 844423
Receipt Date of Sample: 2022-06-20
Date of Testing: 2022-06-20 to 2022-07-18
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. AS/NZS ISO 8124.1:2019+AMD1:2020+AMD2:2020 Safety of toys - Part 1: Safety aspects related to mechanical and physical properties - AMENDMENT 1: Flying toys - AMENDMENT 2: Various	Pass
2. AS/NZS 8124.2:2016 Flammability	Pass
3. AS/NZS ISO 8124.3:2021-Migration of Certain Elements	Pass
4. Commonwealth of Australia, Consumer Protection Notice No. 11 of 2011- Bis-(2-ethylhexyl) Phthalate (DEHP)	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. ≤ Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. NA=Not Applicable
6. The test results are transferred from report 70.452.22.11590.04



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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

Testing Center

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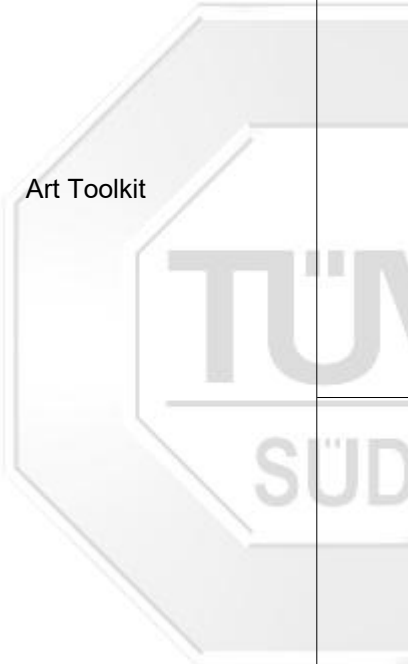
Note:

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- (2) The results relate only to the Items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) Disclaimer Measurement Uncertainty:
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.






Description of Tested Subject:

Sample	Description	Photo
001		
002	Art Toolkit	
003		



Sample	Description	Photo
004		
005		
006		
032	Red soft plastic (004)	

Sample	Description	Photo
033	Cyan soft plastic (004)	
034	Green/deep green soft plastic with base material (005)	
035	Green soft plastic with base material (005)	

T. No	Sample	Description
T1	001	Art Toolkit-Texture Wands-Set1
T2	002	Art Toolkit-Texture Wands-Set2
T3	003	Art Toolkit-Easi-Grip Chunky Rollers(3) Set1
T4	004	Art Toolkit- Easi-Grip Mark Making Set(6)
T5	005	Art Toolkit-Textured Stamps set of 6
T6	006	Art Toolkit
T7	007	Red plastic (handle 001/002)
T8	008	Yellow plastic (005)
T9	009	Orange plastic (005)
T10	010	Orange plastic (handle 006)

T. No	Sample	Description
T11	011	Green plastic (handle 006)
T12	012	White soft plastic (001)
T13	013	Blue soft plastic (001/005)
T14	014	Orange soft plastic (handle 003/006)
T15	015	Red soft plastic (004)
T16	016	Cyan soft plastic (004)
T17	017	Brown soft plastic (brush 004)
T18	018	Green soft plastic (006)
T19	019	Green/deep green soft plastic with base material (005)
T20	020	Green soft plastic with base material (005)
T21	021	White sponge (001)
T22	022	Red sponge (001)
T23	023	Yellow sponge (002)
T24	024	Light blue sponge (002)
T25	025	Purple sponge (002)
T26	026	Orange sponge (003)
T27	027	Blue sponge (003)
T28	028	Green sponge with glue (005)
T29	029	Dark blue sponge with glue (005)
T30	030	Yellow/white felt (002)
T31	032	Red soft plastic (004)
T32	033	Cyan soft plastic (004)
T33	034	Green/deep green soft plastic with base material (005)
T34	035	Green soft plastic with base material (005)



Test Result(s):

1. AS/NZS ISO 8124.1:2019+AMD1:2020+AMD2:2020 Safety of toys - Part 1: Safety aspects related to mechanical and physical properties - AMENDMENT 1: Flying toys - AMENDMENT 2: Various

Sample	001,002,003,004,005,006
Labelled age range	3+
Requested age range	3+
Age range in testing	Over 3 years

Clause	Requirement	Evaluation
4	Requirements	--
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Materials	P
4.6	Edges	P
4.7	Points	P
Annex B	Safety-labelling guidelines and manufacturer's markings	--
B.2	Safety-labelling guidelines	--
B.2.2	Age grading	P
B.3	Instructional literature	--
B.3.1	Information and instructions	P
B.4	Manufacturer's marking	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

Remark:

#1= The toy or packaging should indicate the minimum age for intended use.

#2= It is drawn to your attention that a principal component of the toy, the packaging, a label or a leaflet accompanying the toy should be marked with the name and address of the manufacturer or the distributor, or with a trademark and/or mark which clearly identifies the manufacturer/ distributor.

2. AS/NZS 8124.2:2016 Flammability

Sample	001,002,003,004,005,006
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Clause	Requirement	Evaluation
4.1	General requirements	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

3. AS/NZS ISO 8124.3:2021-Migration of Certain Elements

Test with reference to AS/NZS ISO 8124.3:2021 and determination by ICP-OES.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			007	008
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			009	010
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			011	012
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass



Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			013	014
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			015	016
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			017	018
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	54.6	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass



Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			019	020
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			021	022
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	531	20.7
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			023	024
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	9.91	8.34
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass



Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			025	026
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	54.6	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			027	028
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			029	030
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	72.8
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Note: 1. Adjusted analytical result

4. Commonwealth of Australia, Consumer Protection Notice No. 11 of 2011- Bis-(2-ethylhexyl) Phthalate (DEHP)

Test with reference to in house method, determination by LC-MS-MS.

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					007+008+009	010+011
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	1	<0.005	<0.005
Conclusion					Pass	Pass

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					012+013+014	
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	1	<0.005	
Conclusion					Pass	

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					017+018	021+022+023
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	1	<0.005	<0.005
Conclusion					Pass	Pass

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					024+025	026+027
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	1	<0.005	<0.005
Conclusion					Pass	Pass

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					028	029
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	1	<0.005	<0.005
Conclusion					Pass	Pass

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					032	033
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	1	<0.005	<0.005
Conclusion					Pass	Pass

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Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					034	035
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	1	<0.005	<0.005
Conclusion					Pass	Pass

-End of Test Report-

