

# Test Report

No.: 70.452.22.11591.06R1  
Dated: 2023-01-13



Greater China

**Applicant:**

HAPE INTERNATIONAL (NINGBO) LTD.

**Address:**

HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD

9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN,NINGBO,CHINA

PC:315800

**Product Name:**

1. Poster Paint set 500ml  
843822
2. Poster Paint Red 500ml  
843823
3. Poster Paint Orange 500ml  
843824
4. Poster Paint Yellow 500ml  
843825
5. Poster Paint Green 500ml  
843826
6. .Poster Paint Blue 500ml  
843827
7. Poster Paint Black 500ml  
843828
8. Poster Paint Purple 500ml  
843829
9. Poster Paint Pink 500ml  
843830
10. Poster Paint Brown 500ml  
843831
11. Poster Paint White 500ml  
843832
12. Poster Paint Red 2L  
843833
13. Poster Paint Orange 2L  
843834
14. Poster Paint Yellow 2L  
843835
15. Poster Paint Green 2L  
843836
16. Poster Paint Blue 2L  
843837
17. Poster Paint Black 2L  
843838
18. Poster Paint Purple 2L  
843839
19. Poster Paint Pink 2L  
843840
20. Poster Paint Brown 2L  
843841
21. Poster Paint White 2L  
843842

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**Dated: 2023-01-13**

**Receipt Date of Sample:** 2022-06-20  
**Date of Testing:** 2022-06-20 to 2022-07-04  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

**Remark: This report supersedes the previous report 70.452.22.11591.06**

Test Item	Conclusion
1. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical	Pass
2. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials	Pass
3. ASTM F963-17 Section 4.3.5.1(1) - Total Lead Content Test (Paint and Similar Surface Coating Materials)	Pass
4. ASTM F963-17 Section 4.3.5.1(2) and Section 4.3.5.2 - Soluble Heavy Elements	Pass
5. Total Lead Content -16 CFR Part 1303, Lead of Paint	Pass
6. 16 CFR Part 1307 amending CPSIA section 108, Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
7. US California Proposition 65 – Lead Content (Alameda County Superior Court RG-07-356892)	Pass
8. US California Proposition 65-Phthalates Content (Alameda BG07350969)	Pass

Remarks: 1. MDL = Method Detection Limit  
2. ND = Not Detected (<MDL)  
3. <= Less than  
4. 1 mg/kg = 1 ppm = 0.0001%

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Greater China

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

Testing Center

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Note:

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For full version, please visit: EN : <https://www.tuvsud.cn/zh-cn/resource/terms-and-conditions---en> ; SCN: <https://www.tuvsud.cn/zh-cn/terms-and-conditions> ; TCN: <https://www.tuvsud.com/zh-tw/terms-and-conditions>
- (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 the Tested Subject


Sample	Description	Photo
A		
B		
C	Poster Paint 2L	
D		
E		

Sample	Description	Photo
F		
G		
H	Poster Paint 2L	
I		
J		

Sample	Description	Photo
K		
L		
M	Poster Paint 500ml	
N		
O		

Sample	Description	Photo
P		
Q		
R	Poster Paint 500ml	
S		
T		



Sample	Description	Photo
001	Poster Paint 500ml bottle Poster Paint 2L bottle	

T. No	Sample	Description
T1	001	Poster Paint 500ml bottle    Poster Paint 2L bottle
T2	002	Blue paint (liquid)
T3	003	White paint (liquid)
T4	004	Red paint (liquid)
T5	005	Green paint (liquid)
T6	006	Yellow paint (liquid)
T7	007	Purple paint (liquid)
T8	008	Black paint (liquid)
T9	009	Orange paint (liquid)
T10	010	Pink paint (liquid)
T11	011	Brown paint (liquid)







Test Results

1. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical

Sample	001
Labelled age range	Not Stated
Requested age range	3+
Age range for testing as per client's request	Over 3 years

Clause	Requirement	Evaluation
4	Safety Requirements	--
4.1	Material quality	P
4.7	Accessible Edges	P
4.9	Accessible Points	P
5	Labeling Requirements	#1
6	Instructional Literature	#1
7	Producer's Markings	#1

Abbreviation:

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

Note:

Only applicable clauses were shown. The submitted samples were not toy and were not subjected to the scope of ASTM F963. However, as requested by the applicant, the submitted samples were assessed under the requirement of ASTM F963, and the result met the requirement of the standard.

Remark:

#1= This product was tested as non-toy product, thus the warning and other labeling requirements specified in sections 5, 6 and 7 did not apply.

2. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials

As per Section 4.2 of ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Sample: 001

Result: Ignited but Self-Extinguished before Burn Rate Could be Determined

Note:

The submitted toy samples were tested, the above result only showed the most severe burn rate of the samples.

3. ASTM F963-17 Section 4.3.5.1(1) - Total Lead Content Test (Paint and Similar Surface Coating Materials)

Test with reference to CPSC-CH-E1003-09.1, determination by ICP-OES/ICP-MS.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002+003+004	mg/kg	10	90	<10.0	Pass
005+006+007	mg/kg	10	90	<10.0	Pass
008+009	mg/kg	10	90	<10.0	Pass
010+011	mg/kg	10	90	<10.0	Pass



4. ASTM F963-17 Section 4.3.5.1(2) & Section 4.3.5.2 - Soluble Heavy Elements

Test with reference to ASTM F963-17 Section 8.3

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			002	003
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
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			004	005
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
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			006	007
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
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>



Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			008	009
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
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			010	011
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
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

Note: 1. Adjusted analytical result

5. Total Lead Content -16 CFR Part 1303, Lead of Paint

Test with reference to CPSC-CH-E1003-09.1 and determination by ICP-OES/ICP-MS.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002+003+004	mg/kg	10	90	<10.0	Pass
005+006+007	mg/kg	10	90	<10.0	Pass
008+009	mg/kg	10	90	<10.0	Pass
010+011	mg/kg	10	90	<10.0	Pass



**6. 16 CFR Part 1307 amending CPSIA section 108, Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates**

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

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					002+003+004	005+006+007
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	<0.005	<0.005
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	<0.005	<0.005
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	<0.005	<0.005
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	<0.005	<0.005
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	<0.005	<0.005
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	<0.005	<0.005
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	<0.005	<0.005
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					008+009	010+011
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	<0.005	<0.005
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	<0.005	<0.005
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	<0.005	<0.005
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	<0.005	<0.005
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	<0.005	<0.005
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	<0.005	<0.005
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	<0.005	<0.005
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

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## 7. US California Proposition 65 - Lead Content (Alameda County Superior Court RG-07-356892)

Test with reference to CPSC-CH-E1003-09.1, CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3, determination by ICP-OES/ICP-MS.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002+003+004	mg/kg	10	90	<10.0	Pass
005+006+007	mg/kg	10	90	<10.0	Pass
008+009	mg/kg	10	90	<10.0	Pass
010+011	mg/kg	10	90	<10.0	Pass

## 8. US California Proposition 65-Phthalates Content (Alameda BG07350969)

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

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					002+003+004	005+006+007
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	<0.005	<0.005
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	<0.005	<0.005
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	<0.005	<0.005
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	<0.005	<0.005
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	<0.005	<0.005
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result(s)	
					008+009	010+011
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	<0.005	<0.005
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	<0.005	<0.005
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	<0.005	<0.005
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	<0.005	<0.005
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	<0.005	<0.005
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

- End of Test Report -