



Test Report

No.: T52310260037TY

Date: MAR 06, 2023

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HAPE INTERNATIONAL (NINGBO) LTD
HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,
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The results of this report are extracted from the test report number T52210271880TY where the sample(s) / material(s) of sample is(are) claimed to be identical.

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

SOLID POSTER PAINT

Item No. : 843532
Labeled Age Grading : 3+
Requested Age Grading : 3+

SGS Ref. No. : SHHL2302007493TY
Age Group Assessed by SGS As Per Age : OVER 3 YEARS
Guideline
Age Group Applied in Testing : OVER 3 YEARS
Sample Receiving Date : MAY 26, 2022
Further Information Date : MAR 02, 2023
Testing Period : MAY 26, 2022 TO JUN 19, 2022



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

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Member of the SGS Group (SGS SA)

Test Requested		Conclusion
1.	With Reference to the Australian/New Zealand Standard on Safety of toys:	--
	AS/NZS ISO 8124.1: 2019 + A1: 2020 + A2: 2020 – Safety of toys – Part 1: Safety aspects related to mechanical and physical properties	PASS
	AS/NZS 8124-2:2016 – Safety of toys – Part 2: Flammability	PASS
	AS/NZS ISO 8124.3: 2021 – Safety of toys – Part 3 – Migration of Certain Elements in the specified specimen(s) as listed	PASS

***** 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



Qu Ping, Kiky
 Dept. Manager



Huang Yao, Lucy
 Section Head



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Results:

AS/NZS ISO 8124.1: 2019 + A1: 2020 + A2: 2020– SAFETY OF TOYS – PART 1: SAFETY ASPECTS RELATED TO MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN AS/NZS ISO 8124.1: 2019 + A1: 2020 + A2: 2020 – SAFETY OF TOYS – PART 1: SAFETY ASPECTS RELATED TO MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	Normal use	<u>Pass</u>
4.2	Reasonably foreseeable abuse	<u>Pass</u>
4.3	Material	
	4.3.1 Material quality (Visual Examination)	<u>Pass</u>
4.6	Edges	<u>Pass</u>
4.7	Points	<u>Pass</u>
Annex B	Safety-labeling guidelines and manufacturer’s markings	
B.2	Safety-labeling guidelines	
B.2.1	Good practice for visibility and legibility	<u>See Remark</u>
	Remark: The standard has introduced good practice by addressing the following aspects:	
	a) Emphasising the warning	
	b) Contrast, background and colours	
	c) Reflecting surfaces and obscuring material	
	d) Font type	
	e) Font and symbol size	
	f) Logical direction of text	
B.2.2	Age grading	<u>Pass</u>
B.4	Manufacturer’s Markings	<u>Pass</u>



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AS/NZS 8124-2:2016 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN AS/NZS 8124.2:2016 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General Requirements	Pass

Type of gas: Butane gas used in the test burner

AS/NZS ISO 8124.3: 2021 – Safety of toys – Part 3 – Migration of Certain Elements

Method: With reference to AS/NZS ISO 8124.3: 2021

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (mg/kg)				5	5	2.5	10	5	5	5	10
Permissible Limit (mg/kg) – Other than Modeling Clay and Finger Paint				90	60	25	1000	75	60	60	500
Permissible Limit (mg/kg) – Modeling clay				90	60	25	250	50	25	25	500
Permissible Limit (mg/kg) – Finger paint				25	10	10	350	15	25	10	50
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Soluble Result(s) (mg/kg)							
1	1	1	/	ND	ND	ND	45	ND	ND	ND	ND
2	1	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	1	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	5	/	ND	ND	ND	49	ND	ND	ND	ND
6	1	6	/	ND	ND	ND	ND	ND	ND	ND	ND
7	1	7	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	8	/	ND	ND	ND	ND	ND	ND	ND	ND
9	1	9	/	ND	ND	ND	ND	ND	ND	ND	ND
10	1	10	/	ND	ND	ND	ND	ND	ND	ND	ND
11	1	11	/	ND	ND	ND	ND	ND	ND	ND	ND
12	1	12	/	ND	ND	ND	ND	ND	ND	ND	ND



Specimen Description:

1. Red poster paint
2. Orange poster paint
3. Yellow poster paint
4. Pink poster paint
5. Light green poster paint
6. Dark green poster paint
7. Light blue poster paint
8. Dark blue poster paint
9. Brown poster paint
10. Purple poster paint
11. White poster paint
12. Black poster paint

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Results of soluble elements shown are of the adjusted analytical results
 - The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.

N.B. : - Only applicable clauses were shown.



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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