

TEST REPORT

Report No : HTY24A00030

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Date : 2024/10/25

The following merchandise was submitted & identified by the applicant as:Product Description: PAINT MARKERStyle/Item No: PM-50Manufacturer/Vendor:Country of Origin: TAIWAN

Sample Receiving Date: 2024/10/08Testing Period: 2024/10/08 ~ 10/25**We have tested the submitted sample(s) as requested and the following results were obtained:****Test Requested:**

Please refer to the result summary.

Methods and Results:

Please refer to next page(s).

**Signed for and on behalf of
SGS Taiwan Ltd.**Iris Huang
Manager

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Result Summary:

<u>Item</u>	<u>Test Parameter</u>	<u>Conclusion</u>
1.	ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Flammability test (Clause 4.2)	<u>Pass</u> (See result 1)
2.	ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Heavy Elements content (Clause 4.3.5) (As per client's request, only test the specific material selected by client)	(See Result 2)
3.	CPSIA section 101(f) - Lead in paint/similar surface coating material	<u>Pass</u> (See result 3)
4.	CPSIA section 108 – Phthalates (As per client's request, only test the specific material selected by client)	(See result 4)

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Test Results:

1. ASTM F963-23 Standard Consumer Safety Specification on Toy Safety

- Flammability test

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.2	Flammability	<u>Pass</u>

2. ASTM F963-23 Standard Consumer Safety Specification on Toy Safety –

- Heavy Elements content (Clause 4.3.5)

Paint and Similar Surface-Coating Materials (Clause 4.3.5.1)

Method: With reference to CPSC-CH-E1003-09.1& ASTM F963-23 Clause 8.3. Analysis was performed by ICP-OES.

<u>Test items</u>	<u>Unit</u>	<u>RL</u>	<u>1</u>	<u>Limit</u>
Total Lead (Pb)	mg/kg	2	N.D.	90
Soluble Antimony (Sb)	mg/kg	5	N.D.	60
Soluble Arsenic (As)	mg/kg	2.5	N.D.	25
Soluble Barium (Ba)	mg/kg	10	N.D.	1000
Soluble Cadmium (Cd)	mg/kg	5	N.D.	75
Soluble Chromium (Cr)	mg/kg	5	N.D.	60
Soluble Lead (Pb)	mg/kg	5	N.D.	90
Soluble Mercury (Hg)	mg/kg	5	N.D.	60
Soluble Selenium (Se)	mg/kg	5	N.D.	500

3. Total Lead in Paint and Similar Surface-Coating Materials

Method: With reference to CPSC-CH-E1003-09.1. Analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Unit</u>	<u>RL</u>	<u>1</u>	<u>Permissible Limit</u>
Total Lead (Pb)	mg/kg	2	N.D.	90

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4. Phthalate content

Method: With reference to CPSC-CH-C1001-09.4. Analysis was conducted by GC-MS.

<u>Test Item(s)</u>	<u>Unit</u>	<u>RL</u>	<u>1</u>	<u>Permissible Limit</u>
Dibutyl Phthalate (DBP) (CAS No. 84-74-2)	mg/kg	50	N.D.	1000
Benzylbutyl Phthalate (BBP) (CAS No. 85-68-7)	mg/kg	50	N.D.	1000
Di-(2-ethylhexyl)Phthalate (DEHP) (CAS No. 117-81-7)	mg/kg	50	N.D.	1000
Diisononyl Phthalate (DINP) (CAS No.28553-12-0 ,68515-48-0)	mg/kg	50	N.D.	1000
Di-cyclohexylphthalate (DCHP) (CAS No.84-61-7)	mg/kg	50	N.D.	1000
Diisobutyl phthalate (DIBP) (CAS No.84-69-5)	mg/kg	50	N.D.	1000
Di-n-Hexylphthalate (DHEXP/DNHP) (CAS No.84-75-3)	mg/kg	50	N.D.	1000
Di-n-pentylphthalate (DPENP) (CAS No.131-18-0)	mg/kg	50	N.D.	1000

Sample Description:

1. White liquid of sample. (inside the marker)

Note:

1. mg/kg = ppm; 0.1% = 1000ppm
2. N.D. = Not Detected = Less than RL
3. RL = Reporting Limit
4. "--" = Not Regulated
5. "---" = Not Conducted
6. As per client's request, test specified material only
7. The content of this report is invalid if it is not presented as the entire report.
8. The decision rule of the statements of conformity is following the ILAC G8:09/2019 by using the simple acceptance decision rule.
9. The chemical test was conducted at SGS Taiwan Ltd. Chemical Laboratory-Taipei.

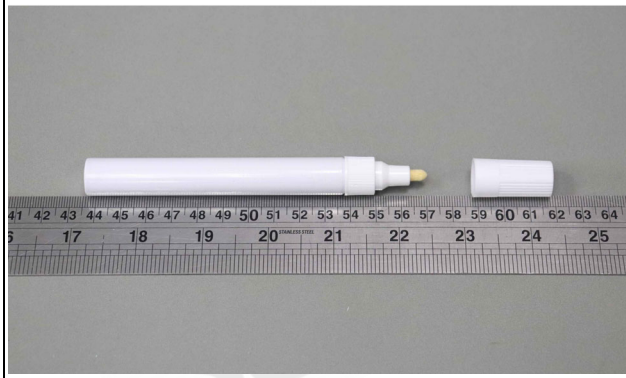
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Sample picture (As received)

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SGS authenticate the photo on original report only

**** End of Report ****

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