

Test Report

No.: 70.452.22.11589.05

Dated: 2023-01-18

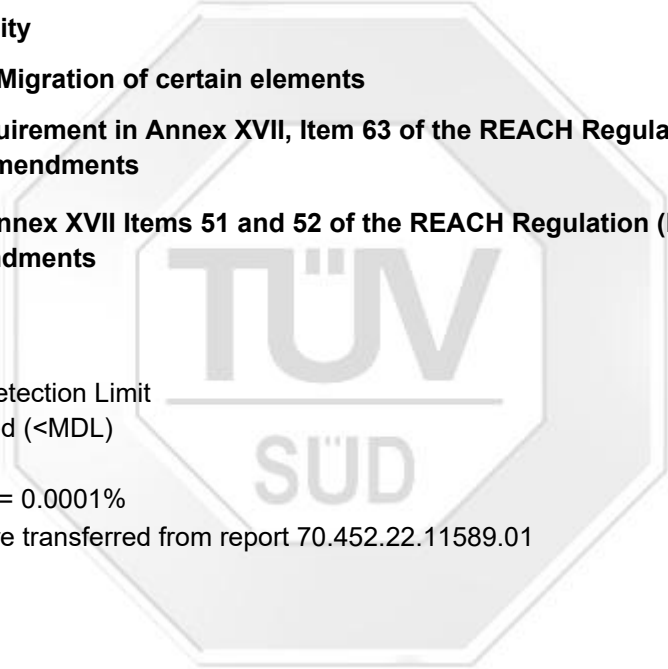


Greater China

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: Paint Pipette Pack of 20
Model No.: 843972
Receipt Date of Sample: 2022-06-20
Date of Testing: 2022-06-20 to 2022-07-05
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. EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
2. EN 71-2:2020 Flammability	Pass
3. EN 71-3:2019+A1:2021- Migration of certain elements	Pass
4. Total Lead Content Requirement in Annex XVII, Item 63 of the REACH Regulation(EC) No 1907/2006 with its Amendments	Pass
5. Phthalates Content in Annex XVII Items 51 and 52 of the REACH Regulation (EC) No 1907/2006 with its Amendments	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. <= Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. The test results are transferred from report 70.452.22.11589.01



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

Testing Center

Prepared by:

Jenny Yao
Technical Engineer

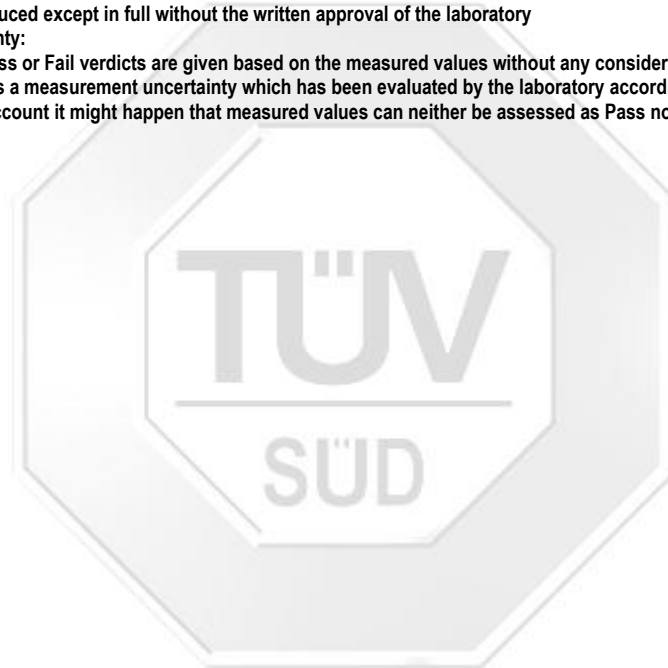


Authorized by:

Sawyer Tang
Technical Manager

Note:

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- (2) The results relate only to the Items tested.
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- (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.

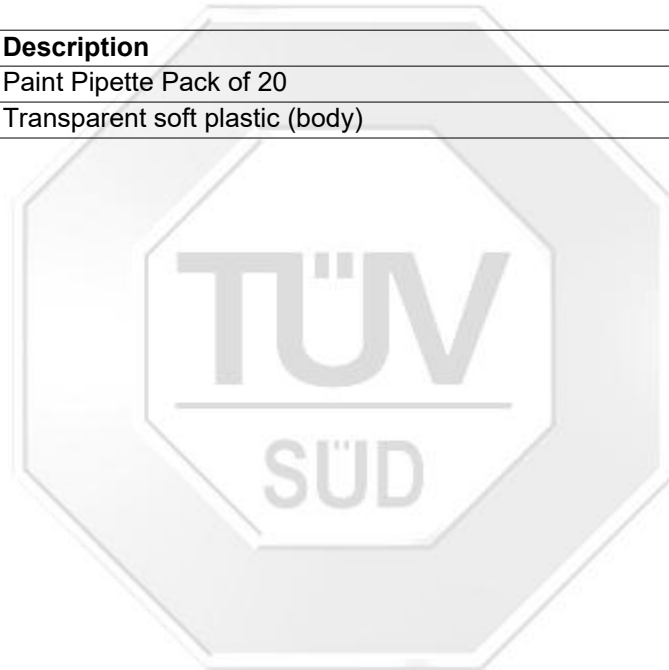




Description of the Tested Subject

Sample	Description	Photo
001	Paint Pipette Pack of 20	

T. No	Sample	Description
T1	001	Paint Pipette Pack of 20
T2	002	Transparent soft plastic (body)





Test Results

1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties

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	General Requirements	--
4.1	Material cleanliness	P
4.7	Edges	P
4.8	Points and metallic wires	P
7	Warnings markings and instructions for use	#1

Abbreviation:

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

Note:

Only applicable clauses were shown. The submitted samples were not toys and were not subjected to the scope of EN 71. However, as requested by the applicant, the submitted samples were assessed under the requirement of EN 71, 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 clause 7 did not apply.

2. EN 71-2:2020 Flammability

Sample	001	
Clause	Requirement	Evaluation
4.1	General Requirement	P

Abbreviation:

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



3. EN 71-3:2019 Migration of certain elements

Test with reference to EN 71-3:2019,determination by ICP-MS.

Test Item	Limit in liquid or sticky toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]
			002
Soluble Aluminum	1406	5.00	<5.00
Soluble Antimony	11.3	5.00	<5.00
Soluble Arsenic	0.9	0.25	<0.25
Soluble Barium	375	5.00	<5.00
Soluble Boron	300	5.00	<5.00
Soluble Cadmium	0.3	0.25	<0.25
Soluble Chromium III	9.4	0.005	<0.005
Soluble Chromium VI	0.005	0.005	<0.005
Soluble Cobalt	2.6	0.25	<0.25
Soluble Copper	156	5.00	<5.00
Soluble Lead	0.5	0.25	<0.25
Soluble Manganese	300	5.00	<5.00
Soluble Mercury	1.9	0.25	<0.25
Soluble Nickel	18.8	5.00	<5.00
Soluble Selenium	9.4	5.00	<5.00
Soluble Strontium	1125	5.00	<5.00
Soluble Tin	3750	0.05	<0.05
Organic Tin	0.2	0.13	<0.13
Soluble Zinc	938	5.00	<5.00
Conclusion			Pass

4. Total Lead Content Requirement in Annex XVII, Item 63 of the REACH Regulation (EC) No 1907/2006 with its Amendments

Test with reference to in house method, determination by ICP-OES/ICP-MS.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002	mg/kg	10.0	500	<10.0	Pass

5. Phthalates Content in Annex XVII Items 51 and 52 of the REACH Regulation (EC) No 1907/2006 with its Amendments

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

Compound	CAS No.	Unit	MDL	Limit	Result(s)
					002
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	<0.005
Di-isononyl phthalate, DINP	28553-12-0 , 68515-48-0	%	0.005	-	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 , 68515-49-1	%	0.005	-	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	<0.005
Conclusion					Pass

- End of Test Report -