



Test Report

No.T52410301834TC

Date: AUG 13, 2024

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BTL DIFFUSION

16, RUE ANATOLE MOUSSU - ZA MÉRÉ NORD EST 78490 MÉRÉ, FRANCE

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

PETIT ARTICHAUT HAND PAINTS

Item No. : PA1200

Country of Origin : CHINA

Sample Receiving Date : JUN 19, 2024

Further Information Date : AUG 13, 2024

Testing Period : JUN 19, 2024 TO AUG 13, 2024



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Selected test(s) as requested by the client, please refer to test result page(s) for details:

Test Requested		Conclusion
1.	Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 + A1:2021 – Migration of certain elements	PASS
2.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Lead and lead compounds	PASS
3.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content	PASS
4.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalates content	PASS
5.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Benzene content	PASS
6.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
7.	Commission Directive (EU) 2017/774 amending Appendix C of Annex II to European Directive 2009/48/EC – Phenol	PASS
8.	Client's Requirement – Chloromethylisothiazolinone and Methylisothiazolinone, both individually and in a ratio of 3:1 content	PASS
9.	European Directive (EU) 2021/903 amending appendix C to Annex II of Directive 2009/48/EC – Aniline Content	PASS
10.	CPSIA section 101 - Total Lead content	--
	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
11.	US 16 CFR Part 1307 – Phthalates	PASS
12.	US California Proposition 65 – Lead Content	PASS
13.	US California Proposition 65 – Phthalates Content	PASS



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Test Requested		Conclusion
14.	EN 71-7:2014+A3:2020 – Safety of toys – Part 7: Finger Paint – Requirements and test methods	--
(1)	Clause 4.2 Colourants	PASS
(2)	Clause 4.3 Preservatives	NOT APPLICABLE
(3)	Clause 4.8 Binding Agents, Extenders, Humectants and Surfactants	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



Sun Yaqing, Sunny
Supervisor



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Results:

Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019+A1:2021 – Migration of certain elements

Category II: Liquid or Sticky toy material

Method: With reference to EN 71-3:2019+A1:2021. Analysis of general elements was performed by ICP-MS / Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis or LC-ICP-MS / organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	1	2	3	--	--
Mass of trace amount (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	67	82	82	50	560
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	1.0	11.3
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	0.4	0.9
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	375
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	300
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	0.1	0.3
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	ND	0.015	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1.0	9.4
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.0025	0.005
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	0.5	2.6
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	156
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	0.2	0.5
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	300
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	0.5	1.9
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	9	18.8
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	4	9.4
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	1125
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	0.03	3750
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	0.2
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	938



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Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	4	5	--	--
Mass of trace amount (mg)	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	79	67	50	560
Soluble Antimony (Sb) (mg/kg)	ND	ND	1.0	11.3
Soluble Arsenic (As) (mg/kg)	ND	ND	0.4	0.9
Soluble Barium (Ba) (mg/kg)	ND	ND	50	375
Soluble Boron (B) (mg/kg)	ND	ND	50	300
Soluble Cadmium (Cd) (mg/kg)	ND	ND	0.1	0.3
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	0.015	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	1.0	9.4
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.0025	0.005
Soluble Cobalt (Co) (mg/kg)	ND	ND	0.5	2.6
Soluble Copper (Cu) (mg/kg)	ND	ND	50	156
Soluble Lead (Pb) (mg/kg)	ND	ND	0.2	0.5
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	300
Soluble Mercury (Hg) (mg/kg)	ND	ND	0.5	1.9
Soluble Nickel (Ni) (mg/kg)	ND	ND	9	18.8
Soluble Selenium (Se) (mg/kg)	ND	ND	4	9.4
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	1125
Soluble Tin (Sn) (mg/kg)	ND	ND	0.03	3750
Soluble Organic Tin -- (mg/kg)	ND	ND	--	0.2
Soluble Zinc (Zn) (mg/kg)	ND	ND	50	938

Specimen Description:

1. Dark blue wet paint
2. Blue-grey wet paint
3. Yellow wet paint
4. Pink-orange wet paint
5. Green wet paint



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- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - + Soluble Chromium is not restricted by EN 71-3:2019+A1:2021, results shown only for reference

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * = Exceeds Permissible Limit



European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Lead and lead compounds

For consumer products (except jewelry) – Lead content

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Heavy Metal in Paint and Other Similar Surface Coatings

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Heavy Metal in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Heavy Metal in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)			Lead (Pb)
MDL (mg/kg)			10
Permissible Limit (mg/kg)			500
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Transparent plastic sheet (Bottle)	16	1	ND
2. White plastic (Lid) + Translucent white plastic (Lid)	16	2	ND
3. Dark blue wet paint + Blue-grey wet paint + Yellow wet paint	17	1	ND
4. Pink-orange wet paint + Green wet paint	17	2	ND

- Note:
- mg/kg = milligram per kilogram
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- # = Refer to results of rate of lead release
- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component



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European Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – Cadmium Content

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

For Plastic

Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Transparent plastic sheet (Bottle)	18	1	ND
2. White plastic (Lid) + Translucent white plastic (Lid)	18	2	ND

For Paint

Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Dark blue wet paint + Blue-grey wet paint + Yellow wet paint	19	1	ND
2. Pink-orange wet paint + Green wet paint	19	2	ND

- Note:
- Permissible and Reference Limit specified by Commission Regulation (EU) No 494/2011 & Commission Regulation (EU) No 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under entry 23 of Regulation (EC) No 552/2009 and directive 91/338/EC).
 - mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 5 mg/kg
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible or Reference Limit



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European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalate content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Materials can not be placed in the mouth for toys & childcare articles or plasticized material in the other article.

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	22	22		
Tracing No.	--	1	2		
Specimen No.	--	1	2		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	--	0.1

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	22	22		
Tracing No.	--	3	4		
Specimen No.	--	3	4		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	--	0.1

Specimen Description:

1. Transparent plastic sheet (Bottle)
2. White plastic (Lid) + Translucent white plastic (Lid)
3. Dark blue wet paint + Blue-grey wet paint + Yellow wet paint
4. Pink-orange wet paint + Green wet paint



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- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - % = percentage by weight

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible Limit





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European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Benzene content

Method: Analysis was performed by Headspace Gas Chromatography Mass Spectrometer (HS-GC-MS)

Test Item(s)	Result(s) (%)		MDL (%)	Permissible Limit (%)
Specimen No.	1	2		
Alias No.	4	4		
Tracing No.	1	2		
Benzene	ND	ND	0.0005	0.1

Specimen Description:

1. Dark blue wet paint + Blue-grey wet paint + Yellow wet paint
2. Pink-orange wet paint + Green wet paint

- Note:
- MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - mg/kg = milligram per kilogram
 - % = percentage by weight
 - ND = Not Detected (lower than MDL)

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- * Exceeds Permissible limit
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component



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European Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – PAHs Content

Method: With reference to AfPS GS 2019:01 PAK method.

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

For Consumer product

Test Item(s)	CAS No.	Result(s) (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
Specimen No.	--	1	2	3		
Alias No.	--	26	26	26		
Tracing No.	--	1	2	3		
1. Benzo[a]anthracene	56-55-3	ND	ND	ND	0.1	1.0
2. Chrysene	218-01-9	ND	ND	ND	0.1	1.0
3. Benzo[b]fluoranthene	205-99-2	ND	ND	ND	0.1	1.0
4. Benzo[k]fluoranthene	207-08-9	ND	ND	ND	0.1	1.0
5. Benzo[j]fluoranthene	205-82-3	ND	ND	ND	0.1	1.0
6. Benzo[a]pyrene	50-32-8	ND	ND	ND	0.1	1.0
7. Benzo[e]pyrene	192-97-2	ND	ND	ND	0.1	1.0
8. Dibenzo[a,h]anthracene	53-70-3	ND	ND	ND	0.1	1.0

Specimen Description:

1. Transparent plastic sheet (Bottle) + White plastic (Lid) + Translucent white plastic (Lid)
2. Dark blue wet paint + Blue-grey wet paint + Yellow wet paint
3. Pink-orange wet paint + Green wet paint

Note:

- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- mg/kg = milligram per kilogram

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

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- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds limit



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Commission Directive (EU) 2017/774 amending Appendix C of Annex II to European Directive 2009/48/EC – Phenol

Method: With reference to EN71-10: 2005 and EN71-11: 2005

Analysis was performed by High Performance Liquid Chromatography with Diode Array Detector (HPLC-DAD) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (mg/kg)			MDL (mg/kg)	Proposed Limit (mg/kg)
Specimen No.	--	1	2	3		
Phenol	108-95-2	ND	ND	ND	4	10

Specimen Description:

1. Dark blue wet paint
2. Blue-grey wet paint
3. Yellow wet paint

Note:

- mg/L = milligram per liter
- mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen surface area
- * Exceeds Limit



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Chloromethylisothiazolinone (CMI), Methylisothiazolinone (MI), CMI and MI (3:1) content

Method: With reference to EN 71-10:2005 and EN 71-11:2005

Analysis was performed by High Performance Liquid Chromatography with Diode Array Detector and Mass Spectrometer (HPLC-DAD-MS)

Test Item(s)	CAS No.	Result(s) (mg/kg)			MDL (mg/kg)	Client's Limit (mg/kg)
Specimen No.	--	1	2	3		
Alias No.	--	5	5	5		
Tracing No.	--	1	2	3		
2-Methylisothiazolin-3(2H)-one (MI)	2682-20-4	1.11	1.03	1.09	0.20	15
5-Chloro-2-methylisothiazolin-3(2H)-one (CMI)	26172-55-4	ND	ND	ND	0.60	0.6
5-Chloro-2-methylisothiazolin-3(2H)-one (CMI) and 2-methylisothiazolin-3(2H)-one (MI) (CMI:MI = 3:1) [#]	55965-84-9	ND	ND	ND	--	ND

Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Client's Limit (mg/kg)
Specimen No.	--	4	5		
Alias No.	--	5	5		
Tracing No.	--	4	5		
2-Methylisothiazolin-3(2H)-one (MI)	2682-20-4	1.21	1.17	0.20	15
5-Chloro-2-methylisothiazolin-3(2H)-one (CMI)	26172-55-4	ND	ND	0.60	0.6
5-Chloro-2-methylisothiazolin-3(2H)-one (CMI) and 2-methylisothiazolin-3(2H)-one (MI) (CMI:MI = 3:1) [#]	55965-84-9	ND	ND	--	ND

Specimen Description:

1. Dark blue wet paint
2. Blue-grey wet paint
3. Yellow wet paint
4. Pink-orange wet paint
5. Green wet paint

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

[#] = The test result is based on the calculation of individual CMI and MI results in ratio of 3: 1. Client is advised to review the chemical formulation to ascertain above substances present in the article.

- * Exceeds Limit



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European Directive (EU) 2021/903 amending appendix C to Annex II of Directive 2009/48/EC – Aniline Content

Aniline after reductive cleavage in finger paints

Method: With reference to EN 71-7:2014+A3:2020 Annex D

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Diode Array Detector (HPLC-DAD)

Forbidden Amines Substances	CAS-No.	Result(s) (mg/kg)	MDL (mg/kg)	Permissible Limit (mg/kg)
		1		
Aniline	62-53-3	ND	5	30

Specimen Description:

1. Dark blue wet paint

Note:

- mg/kg = milligram per kilogram
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * Exceeds Permissible limit



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CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)			Lead (Pb)
Permissible Limit (ppm)			90
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Dark blue wet paint + Blue-grey wet paint + Yellow wet paint	25	1	ND
2. Pink-orange wet paint + Green wet paint	25	2	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit



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CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)			Lead (Pb)
Permissible Limit (ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Transparent plastic sheet (Bottle)	20	1	ND
2. White plastic (Lid) + Translucent white plastic (Lid)	20	2	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- ^Δ Test result is over recommended action limit (80% of the regulatory limit). As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit



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US 16 CFR Part 1307 – Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	23	23		
Tracing No.	--	1	2		
Specimen No.	--	1	2		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003	0.1

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	23	23		
Tracing No.	--	3	4		
Specimen No.	--	3	4		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003	0.1

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Specimen Description:

1. Transparent plastic sheet (Bottle)
2. White plastic (Lid) + Translucent white plastic (Lid)
3. Dark blue wet paint + Blue-grey wet paint + Yellow wet paint
4. Pink-orange wet paint + Green wet paint

- Note:
- % = percentage by weight
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible Limit





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US California Proposition 65 – Total Lead Content

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Test Item(s)	Alias No.	Tracing No.	Lead (Pb) Result(s) (ppm)
Specimen Description			
1. Transparent plastic sheet (Bottle)	21	1	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit =10 ppm
 - 1% = 10000mg/kg=10000ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^Δ Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibly fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceed Permissible Limit

Remark: Summary of permissible limit(s) of Lead requirement otherwise warning label required.

Requirement(s)	Permissible Limit of Lead (ppm)
California Proposition 65 (County of Marin Case No. CIV 1203099)	100



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California Prop 65 - Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (%)	MDL (%)
Specimen No.	--	1	
Alias No.	--	24	
Tracing No.	--	1	
Dibutyl phthalate (DBP)	84-74-2	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.003

Specimen Description:

1. Transparent plastic sheet (Bottle)

Note:

- % = percentage by weight
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)
- 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- NA = Not Applicable
- * Exceed Permissible Limit

Summary of Permissible Limit of Requirement(s) otherwise warning label required:

Requirement(s)	Permissible Limit
California Proposition 65 (County of Marin Case No. CIV 1203099)	
<ul style="list-style-type: none">- Hand tools with grips include but not limited to<ol style="list-style-type: none">1) Revolving Punch2) Precision Knife and Blade Set3) Pocket Magnifier- Vinyl/PVC cases	< 0.1% DEHP and DBP



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EN 71-7:2014+A3:2020 – Safety of toys – Part 7: Finger Paint – Requirements and test methods

Method: With Reference to EN 71-7:2014+A3:2020

Clause 4.2 Colourants

Clause 4.2.1 Colourants

Specimen Description	Alias No.	Tracing No.	Colourant	CAS No.	Comment
1. Dark blue wet paint	12	1	Pigment blue / Pigment black	12236-82-7 / 13007-86-8	Pass
2. Blue-grey wet paint	12	2	Pigment blue / Pigment white	12236-82-7 / 1317-70-0	Pass
3. Yellow wet paint	12	3	Pigment Yellow 83 / Pigment white	5567-15-7 / 1317-70-0	Pass
4. Pink-orange wet paint	12	4	Pigment Orange 36 / Pigment white	12236-62-3 / 1317-70-0	Pass
5. Green wet paint	12	5	Pigment Green 7 / Pigment Yellow 83	1328-53-6 / 5567-15-7	Pass

Clause 4.8 Binding Agents, Extenders, Humectants and Surfactants

Specimen Description	Alias No.	Tracing No.	Binding Agents , Extenders, Humectants ,Surfactants	(CAS No.)	Comment
1. Dark blue wet paint	12	6	Calcium carbonate / KAOLIN / Microcrystalline Cellulose / Distilled Water	471-34-1 / 1332-58-7 / 9004-34-6 / 7732-18-5	Pass
2. Blue-grey wet paint	12	7	Calcium carbonate / KAOLIN / Microcrystalline Cellulose / Distilled Water	471-34-1 / 1332-58-7 / 9004-34-6 / 7732-18-5	Pass
3. Yellow wet paint	12	8	Calcium carbonate / KAOLIN / Microcrystalline Cellulose / Distilled Water	471-34-1 / 1332-58-7 / 9004-34-6 / 7732-18-5	Pass
4. Pink-orange wet paint	12	9	Calcium carbonate / KAOLIN / Microcrystalline Cellulose / Distilled Water	471-34-1 / 1332-58-7 / 9004-34-6 / 7732-18-5	Pass
5. Green wet paint	12	10	Calcium carbonate / KAOLIN / Microcrystalline Cellulose / Distilled Water	471-34-1 / 1332-58-7 / 9004-34-6 / 7732-18-5	Pass



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- 2 Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

Sample Picture (As received)

Pic.1



SGS authenticate the photo on original report only

*** End of Report ***



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