



# Test Report

No.T32320260860TY

Date: May 22, 2023

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TODDLEKIND

TODDLEKIND GMBLT, RODENBACHER STR., 3A, 63579 FREIGERICHT, GERMANY

The following samples were submitted and identified by/on behalf of the client as:  
US GRADE FOAM, EU GRADE FOAM

Case No. : CA323202641739  
Style/Item No. : LARGE MAT, SMALL MAT  
Country of Origin : TAIWAN  
Labeled Age Grading : 0+  
Requested Age Grading : NOT STATED  
Age Group Assessed As Per : 0+  
Age Guideline :  
Age Group Applied in Testing : 0+  
Sample Receiving Date : MAR 31, 2023  
Testing Period : MAR 31, 2023 – MAY 22, 2023

Test Requested	Conclusion
ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
CPSIA section 101 - Total Lead content	--
CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
US 16 CFR Part 1307 – Phthalates	PASS
US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) (formerly drafted by CONEG) – Total Lead, Cadmium, Mercury and Hexavalent Chromium content	PASS
US California Proposition 65 – Lead Content	PASS
US California Proposition 65 – Phthalates Content	PASS
Tracking label per 15 U.S.C. § 2063(a)(5) and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	SEE RESULT

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS Hong Kong Ltd.

Wong Sau Wai, Athena  
Assistant Technical Manager

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### Test Results:

#### ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Safety Requirements	
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	<u>Pass (See Detail of test result)</u>
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.2	Heavy Metal in Substrate Materials	<u>Pass (See Detail of test result)</u>
4.6.1	Small Objects	<u>Pass</u>
4.7	Accessible Edges	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.12	Plastic Film	<u>Pass</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>

\*\* Visual Examination

Detail of test result:

ASTM F963-17, Clause 4.2 – Flammability Test  
Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>
US GRADE FOAM, EU GRADE FOAM	0.04

Requirement: A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.1 in/sec along its major axis.

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**ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials**

Method: With reference to CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3 / ASTM F963-17 Clause 8.3 / CPSC-CH-E1004-11

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

Total Lead Content

<b>Test Item(s)</b>	<b>Lead (Pb)</b>
<b>MDL (ppm)</b>	10
<b>Total Limit (ppm)</b>	100
<b>Specimen Description</b>	<b>Result(s) (ppm)</b>
1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)	ND

Soluble Heavy Metal Content

Test Item(s)	Pb	Sb	As	Ba	Cd	Cr	Hg	Se
<b>MDL (ppm)</b>	5	5	2.5	10	5	5	5	10
<b>Migration Limit (ppm) -- Other Than Modeling Clays</b>	90	60	25	1000	75	60	60	500
<b>Specimen No.</b>	<b>Mass of trace amount (mg)</b>		<b>Adjusted Migration Result(s) (ppm)</b>					
1 – 2	/		ND	ND	ND	ND	ND	ND

Specimen Description:

- White foam w/ brown, white printing (Mat)
- Blue foam (Mat)

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - 1% = 10000 mg/kg = 10000 ppm
  - Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

**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

<b>Test Item(s)</b>	<b>Lead (Pb)</b>
<b>Permissible Limit (ppm)</b>	100
<b>Specimen Description</b>	<b>Result(s) (ppm)</b>
1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm
  - Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

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

**Specimen Description:**

- White foam w/ brown, white printing (Mat) + Blue foam (Mat)

- Note:
- % = percentage by weight
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - 1% = 10000 mg/kg = 10000 ppm
  - Composite test has been performed as per client's request and the results are calculated using the total specimen weight

**US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) (formerly drafted by CONEG) – Total Lead, Cadmium, Mercury and Hexavalent Chromium content**

Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC62321-7-1:2015

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Ultraviolet Visible Spectrophotometer (UV-Vis)

Test Item(s)	Pb	Cd	Hg	Cr(VI)	Total (Pb + Cd + Cr(VI)+ Hg)
<b>MDL (mg/kg)</b>	5	5	5	8	--
<b>Permissible Limit (mg/kg)</b>	--	--	--	--	100
<b>Specimen No.</b>	--	--	--	--	--
1 - 4	ND	ND	ND	ND#	ND

**Specimen Description:**

- White fabric (Zipper tape) + White string (Handle)
- Transparent soft plastic (Bag) + White plastic (Zipper teeth)
- Silvery metal w/ white coating (Zipper puller)
- White paper w/ multicolor printing (Sheet)

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

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- The TPCHE legislation has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.
- # = The result of Hexavalent chromium (Cr(VI)) is considered as "Not Detected" since the total chromium content determined by acid digestion is "Not Detected".
- Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

### US California Proposition 65 – Total Lead Content

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

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

Test Item(s)	Lead (Pb)
Specimen Description	Result(s) (ppm)
1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - 1% = 10000mg/kg = 10000ppm
  - MDL = Method Detection Limit = 10 ppm
  - Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight

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

Requirement(s)	Permissible Limit of Lead (ppm)	Effective Date
California Proposition 65 (ACSC Case No. RG-07-356892)	Surface Coating 90	Current
	Accessible substrate 100	Current

### 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	
Dibutyl phthalate (DBP)	84-74-2	ND	0.003
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.003
Di-"isononyl" phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010
Di-"isodecyl" phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	0.003

#### Specimen Description:

1. White foam w/ brown, white printing (Mat) + Blue foam (Mat)

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- Note:
- % = percentage by weight
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - 1% = 10000 mg/kg = 10000 ppm
  - Composite test has been performed as per client's request and the results are calculated using the total specimen weight

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

Requirement(s)	Permissible Limit
California Proposition 65 (ACSC Case No. BG07350969)	
- Toys for children under 6 or childcare articles for children under 3	≤ 0.1% for each of DBP, BBP, DEHP, DIDP, DnHP and DINP

**Tracking label per 15 U.S.C. § 2063(a)(5) and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.**

As specified in 15 U.S.C. § 2063(a)(5) and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label found on the packaging:

	Prettier Puzzlemat	Classic Puzzlemat
1) Name:	Toddlekind	Toddlekind
2) Location:	Made in Taiwan	Made in Taiwan
3) Date:	Not stated	Not stated
4) Cohort information:	Not stated	Not stated

- Tracking label found on the product:

	Prettier Puzzlemat	Classic Puzzlemat
1) Name:	Toddlekind	Not stated
2) Location:	Made in Taiwan	Not stated
3) Date:	20230125	Not stated
4) Cohort information:	Not stated	Not stated

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

**Remark:**

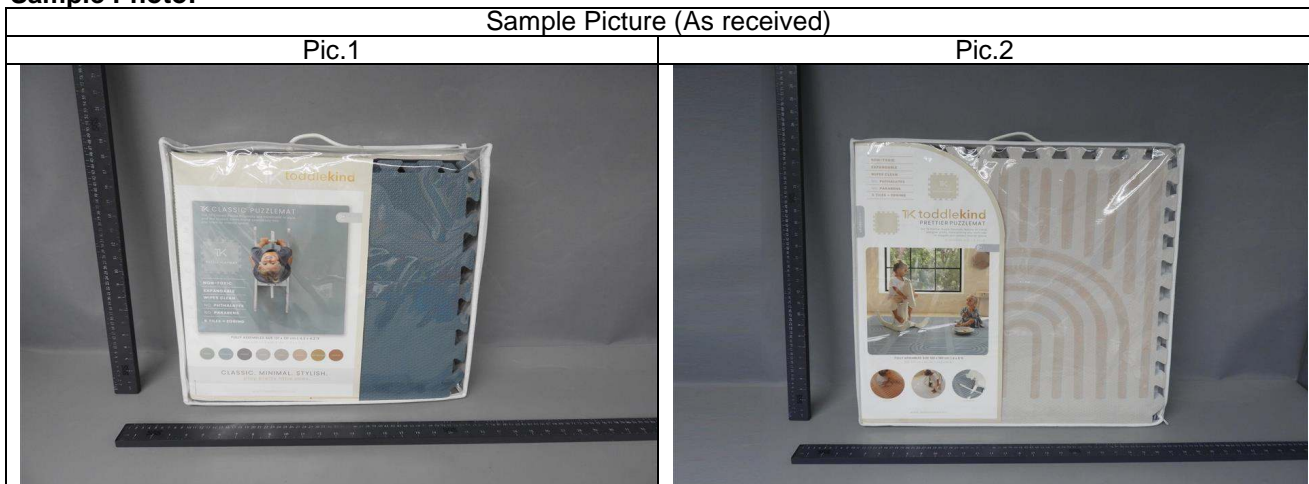
When statement of conformity is made, unless inherent in the requested specification, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability,  $w = U_{95}$ ) in ILAC-G8:09/2019 Clause 4.2.3.

“Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band.” or “Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%.”.

“Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band.” or “Fail - One or more measured values were observed out of tolerance at the points tested”. The specific false reject risk is up to 2.5%.

“Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%.”

**Sample Photo:**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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