

## Test Report

NUMBER : TSNH00319006

Applicant : JIANGSU LEETON MACHINERY CO.,LTD  
Team 20, Maxi Village, Matang Town, Rudong County, Jiangsu  
Province, China  
Attn : Jaden Gao

Date : Aug 22,2019

### Sample Description:

One (1) group of submitted sample said to be  
Item Name : GAIAM ESSENTIALS AB WHEEL  
Item No. : 05-63704  
P.O. No. : 13488  
Material : EVA+PP+TPR  
Buyer : Fit for Life LLC  
Manufacturer : JIANGSU LEETON MACHINERY CO.,LTD  
Country of Destination : USA  
Country of Origin : China  
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### Tests Conducted:

As requested by the applicant, for details refer to attached page(s).  
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To be continued

Authorized By :  
For Intertek Testing Services  
(Tianjin) Ltd.



David Zhang  
Senior Manager



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As requested by the applicant, the submitted sample was tested as below:

Test Property	Test Method/Citation	No. Of Sample	Product Requirement	Result
California: Prohibitions of Phthalates in Toys & Child Care Articles (7P)	CPSC-CH-C1001-09.3 Year: 2010 Citation: California Health & Safety Code, Sec. 108935-108939 (Modified + DnHP)	1	BBP, DBP, DEHP, DIDP, DnHP, DINP, and DnOP: < or = 0.1% (1,000 ppm) each.	Pass (See test data #1)
CPSIA: Prohibition of Phthalates in Toys & Childcare Articles (8P)	CPSC-CH-C1001-09.3 or CPSC-CH-C1001-09.4 Citation: 16 CFR 1307-8, 16 CFR 1112 & 16 CFR 1252	1	BBP, DBP, DEHP, DHEXP (DnHP), DINP, DPENP (DnPP), DCHP, and DIBP: < or = 0.1% (1,000 ppm) each NOTE: 3rd party testing is not required to demonstrate that the following plastics, with specified additives, do not contain the phthalates prohibited in children's toys and child care articles: polypropylene (PP), polyethylene (PE), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), super high-impact polystyrene (SHIPS), and acrylonitrile butadiene styrene (ABS). In order to be exempted from testing, documentation must be provided stating (1) the plastic identification and (2) that the plastic is formulated with the specified additives in the regulation.	Pass (See test data #1)
Total Lead Containing Paint/Surface Coating: 600 ppm	CPSC-CH-E1003-09.1	0.1 gram of dried paint or 2	< or = 600 ppm	NA
Total Lead in Adult Products: Illinois Lead Poisoning Prevention Act	TP0072, TP0165, TP0166, TP0167 Revision: Current Citation: 410 ILCS	1	To determine if a label is required, testing must be performed first. Warning statement is required for adult samples with >600 ppm lead in substrates or surface coatings.	Pass (See test data #2)

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Test Property	Test Method/Citation	No. Of Sample	Product Requirement	Result
Toxics in Packaging	TP0072, TP0165, TP0166, TP0167, CTN 6339 & CTN 6340 Revision: Current Citation: State Legislation (Modified)	1	<p>Modification:</p> <p>If compositing is performed, then the following three composites will be used:</p> <ol style="list-style-type: none"> <li>1) one composite on paper/board components;</li> <li>2) one composite on plastic packaging;</li> <li>3) one composite on metal components.</li> </ol> <p>The sum of the concentrations of lead, mercury, cadmium and hexavalent chromium that can be found in any package or packaging components, including inks or labels: &lt; or = 100 ppm (0.01%).</p> <p>For packages or packaging that contains recycled or post-consumer content, the sum of the concentrations of lead, mercury, cadmium and hexavalent chromium that can be found in any package or packaging components, including inks or labels: &lt; or = 100 ppm (0.01%), with the following exceptions:</p> <p>New Hampshire: If the packages or packaging surpasses 100 ppm for the above heavy metals, but would meet the 100 ppm requirement if not for the addition of recycled/post-consumer content, the packages/packaging is exempt from this requirement, so long as the sum of the concentrations of lead, mercury, cadmium and hexavalent chromium that can be found in any package or packaging components, including inks or labels, shall not exceed 200 ppm (0.02%).</p> <p>Rhode Island, Virginia, and Georgia: If the packages or packaging surpasses 100 ppm for the above heavy metals, but would meet the 100 ppm requirement if not for the addition of recycled/post-consumer content, the packages/packaging is exempt from this requirement.</p> <p>Maine: If the packages or packaging surpasses 100 ppm for the above heavy metals, but would meet the 100 ppm requirement if not for the addition of recycled/post-consumer content, the packages/packaging is exempt from this requirement, so long as the exemption is reapproved every 6 years.</p>	Pass (See test data #3)
Cycle Usage Test	INTERTEK	1	<p>Sample shall operate as intended after specified cycle usage.</p> <p><b>Note:</b> 100 cycles for normal usage</p>	Pass
High Humidity & High Temperature Test	INTERTEK	1	<p>After exposure to heat and high humidity for a specified time period, 50C (122F) and 95% Relative Humidity for 24 hours, product shall continue to perform its intended function and remain cosmetically acceptable.</p>	Pass
Performance Test	INTERTEK	1	<p>Sample shall perform as intended and meet all verifiable labeled claims. Unverifiable claims are reported. Report sample as PASS if the product performs as intended and meets all verifiable labeled claims. Report sample as FAIL if the product does not perform as intended or does not meet all verifiable labeled claims.</p>	Pass (Test as guide)

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Test Property	Test Method/Citation	No. Of Sample	Product Requirement	Result
Static Load Test	INTERTEK	1	Load sample with labeled claim. If no labeled claim, sample shall withstand a specified load for a specified length of time with no evidence of breaking, cracks, parts separation, instability or obvious permanent deformation.	Pass (Test with man in 70 kg)
Static Overload Test	INTERTEK	1	There shall be no evidence of breaking, cracks, parts separation, instability or permanent deformation when the sample is subjected for 1 hour to 125% of the test load from INTERTEK. If the unit passes the 125% overload, continue to load the unit to "failure." Using 25 lb increments, equally distribute the load among the total surface area up to a maximum weight of 375 lbs for 1 additional hour. If the item fails, report the failure load and the time of failure as informational purposes only.	NA
California Proposition 65	Visual Inspection Citation: Title 27, Article 6, Sec. 25601 California Code of Regulations	None	Unless otherwise directed by the client, the result of this test is reported for reference only; the result is not rated. Only the parties listed in the settlement must comply; parties not listed in this settlement must comply with the labeling requirements of California Proposition 65 as the settlements are not mandatory for non-parties and will not protect against liability. NOTE: If the client has asked for testing to California Proposition 65, please refer to Generic protocol #4911 or the client-specific California Proposition 65 protocol. These protocols have a list of settlements known to INTERTEK.	See test data #1 & #2
Country of Origin Marking	Visual Inspection Citation: 19 CFR 134.11, 19 CFR 134.33 & 19 CFR 134.43	All	Unless excepted, every article of foreign origin (or its container) imported into the United States shall be marked in a conspicuous place as legibly, indelibly, and permanently as the nature of the article (or container) will permit, in such manner as to indicate to an ultimate purchaser in the United States the English name of the country of origin of the article, at the time of importation into the Customs territory of the United States. Containers of articles excepted from marking shall be marked with the name of the country of origin of the article unless the container is also excepted from marking.	Not Request

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Test Property	Test Method/Citation	No. Of Sample	Product Requirement	Result
Interpretations of Magnuson-Moss Warranty Act	Visual Inspection Citation: 16 CFR 701	1	Warranties are not required. However, if a warranty is included with the product, the warranty must comply with the regulation. Any warrantor warranting to a consumer by means of a written warranty a consumer product actually costing the consumer more than \$15.00 shall clearly and conspicuously disclose in a single document in simple and readily understood language, the following items of information: 1) whether the warranty is either full or limited 2) what the warranty covers or does not cover 3) the period of coverage 4) what will be done to correct problems 5) how the customer can obtain warranty service 6) how state law will affect the customer's rights under the warranty (Acceptable boilerplate: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.)	NA
Labeling on Packaging	Visual Inspection Citation: 16 CFR 500-503	1	If the sample is not a consumer commodity, then the result of this test is reported for reference only; the result is not rated. As applicable to consumer commodities: 1) Statement of identity. 2) Name and place of business of manufacturer, packer or distributor. Place of business shall include street address, city, state, and zip code; however, the street address may be omitted if it is listed in a readily accessible, widely published, and publicly available resource, including but not limited to a printed directory, electronic database, or Web site. (Effective Dec. 17, 2015.) 3) Net quantity of the contents in terms of weight, measure, or numerical count. No exaggerative words are allowed in relation to describing the unit of weight or mass, measure or count (i.e., "giant quart," "jumbo liter," "full gallon," "when packed," "minimum," etc.). 4) Statements of weight or mass (if shown on label) shall be in terms of both avoirdupois pound and ounce and SI metric kilograms, grams, or milligrams.	Statement of identity: GAIAM ESSENTIALS AB WHEEL
Product Documentation Review	INTERTEK	All	Point of Purchase documentation, where present, must be written in English or any other languages required by the client and/or destination country/countries. Any English verbiage must be clear and concise so that the average consumer can assemble and operate the product. The documentation is verified that the required languages are present, as	Pass
Parts Inventory Test	INTERTEK	1	All parts and components required to complete the assembly and to operate the sample as intended must be present.	Pass

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Test Property	Test Method/Citation	No. Of Sample	Product Requirement	Result
Sharp Edges Test	16 CFR 1500.49 (d) (Modified) Citation: Federal Hazardous Substances Act	All	Modifications: As-received condition only. Sample shall have no accessible, nonfunctional hazardous sharp edges under as-received condition.	Pass
Sharp Points Test	16 CFR 1500.48 (d) (Modified) Citation: Federal Hazardous Substances Act	All	Modifications: 1) As-received condition only. 2) Because this test is for items which fall outside the scope and age grade (under 8 years of age) of this section of the CFR, the result of this test is reported for reference only; the result is not rated. Sample is assessed in as-received condition only, and any nonfunctional hazardous sharp points are	Pass
Workmanship	Visual Inspection	All	Sample shall be free of major cosmetic defects which may impact customer satisfaction with the product. Sample is checked for workmanship in "as received" condition.	Pass
Colorfastness to Water	AATCC 107 Year: 2013	1	Color Change: Grade 4.0 Minimum Staining: Grade 3.0 Minimum Self-Staining: Grade 4.5 Minimum	Pass (See test data #4)
Colorfastness: Perspiration	AATCC 15 Year: 2013	1	Colorfastness rating of colored textiles shall meet the criteria as specified. After testing, a comparison with the AATCC Gray Scales for Color Change and Staining is performed and a rated is assigned to the sample. Key to Colorfastness Ratings: Grade 1: Severe color change or staining Grade 2: Considerable color change or staining Grade 3: Noticeable color change or staining Grade 4: Slight color change or staining Grade 5: Negligible or no color change or staining <b>Note:</b> Shade Change: 4.0 Min, Staining: 3.5 Min, Self-Staining: 4.5 Min	Pass (See test data #5)
Flammability of Solids	16 CFR 1500.3(c)(6)(vi), 16 CFR 1500.44 & 16 CFR 1500.83 (Modified) Citation: Federal Hazardous Substances Act	1	Modification: Ceramic and metal samples are not tested unless requested by client. Burn rate: < or = one-tenth of an inch per second along its major axis.	Pass

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### #1 Phthalate Content

Solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>Result (%)</u>			<u>Limit (%)</u>
	(1)	(2)	(3)	(Max.)
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	0.02	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1
Diisodecyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	ND	ND	ND	0.1

Remark: ND = Not Detected  
Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

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### #2. Total Lead (Pb) Content

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry and AAS.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Client's Limit in ppm</u> <u>(max)</u>	<u>Limit (California) in ppm</u> <u>(max)</u>
(1)	<10	600	200
(2)	<10	600	200
(3)	<10	600	200
(4)	56	600	200
(5)	12	600	200
(6)	<10	600	200

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

### #3. Toxic Elements Analysis

As per Model Toxics in Packaging Legislation Requirement of Packaging and Packaging Components, acid digestion method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry, alkaline digestion method was used and hexavalent chromium content was determined by UV-Visible Spectrophotometry.

	<u>(7)</u>	<u>Result in ppm</u> <u>(8)</u>	<u>(9)</u>	<u>Limit</u> <u>(ppm)</u>
Lead (Pb)	9	<5	<5	--
Cadmium (Cd)	<1	<1	<1	--
Mercury (Hg)	<5	<5	<5	--
Chromium VI (Cr (VI))	<1	<1	<1	--
Total	9-16	0-12	0-12	100

Remark: ppm = parts per million = mg/kg  
< = less than

Tested Components: See component list in the last section of this report.

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### #4. Colorfastness To Water (AATCC 107-2013)

	(1)	<u>Client's Requirement(min)</u>
Colour Change	4.5	4.0
Colour Staining		3.0
- Acetate	4.5	
- Cotton	4.5	
- Nylon	4.5	
- Polyester	4.5	
- Acrylic	4.5	
- Wool	4.5	

Tested Components: See component list in the last section of this report.

### #5. Colorfastness To Perspiration (AATCC 15-2013)

	(1)	<u>Client's Requirement(min)</u>
Colour Change	4.5	4.0
Colour Staining		3.0
- Acetate	4.5	
- Cotton	4.5	
- Nylon	4.5	
- Polyester	4.5	
- Acrylic	4.5	
- Wool	4.5	

Tested Components: See component list in the last section of this report.

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Tested Components:

- (1) Black foam with black cover on handle for sample (A1) use
- (2) Black rubber on wheel for sample (A1) use
- (3) Black plastic on frame of wheel for sample (A1) use
- (4) Silver metal on handle for sample (A1) use
- (5) Black foam pad with light grey logo for sample (A2) use
- (6) Light grey plastic with black logo on both ends of handle for sample (A1) use
- (7) Brown carton
- (8) Multi-color instruction
- (9) Black/white instruction

Date sample received: Aug 16,2019

Testing period: Aug 16,2019 to Aug 21,2019

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To be continued

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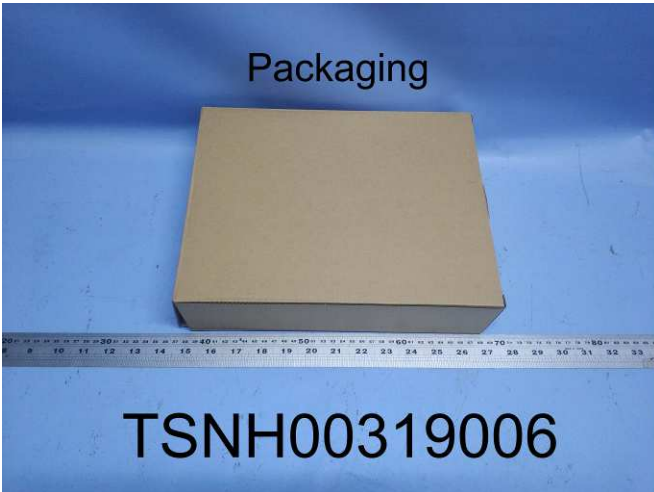
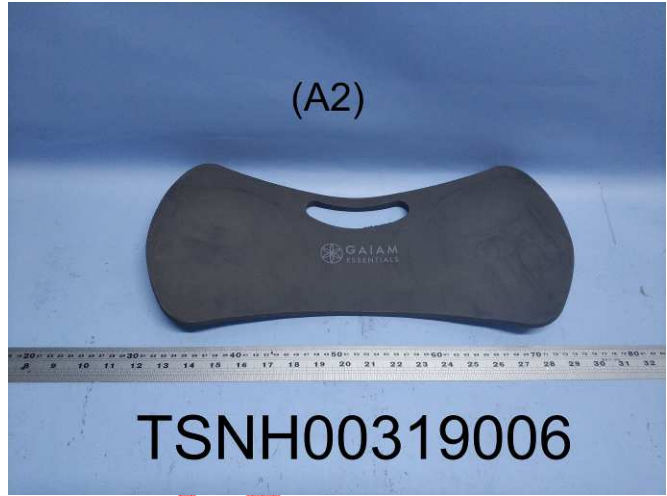
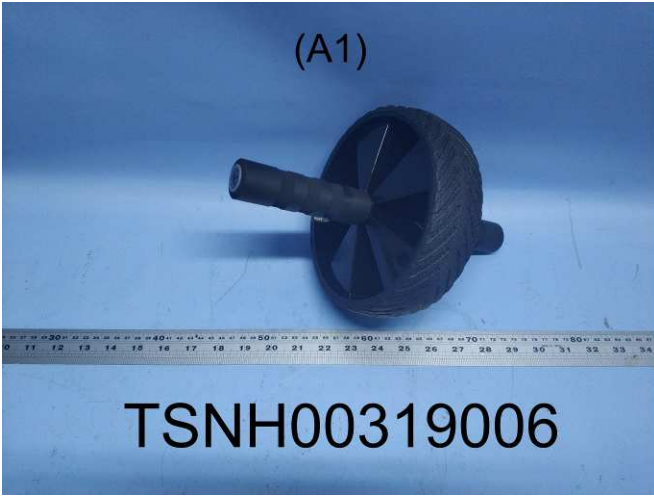
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End of report