

Test Report

Number: SHAH01604122

Applicant: LINHAI TAIJI CRAFTS CO., LTD.
NO 7, DONGGANG MIDDLE ROAD, DAYANG
STREET, LINHAI CITY, ZHEJIANG PROVINCE,
CHINA

Date: 20 Sep, 2023

Attn: MELINDA

Sample Description:

One (1) group of submitted sample said to be :

Item Name : RR RD RESIN UMB BASE 17.5" 26.4 LBS
Item No. : UBS-879120
Quantity : 1pc
Goods Exported To : USA
Country Of Origin : China

Tests Conducted:

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

Conclusion:

The submitted samples conformed to MPS test protocol for Umbrella Base (Version: 2)

Test Property	Rating		Remarks / Comments
	Pass	Fail	
Chemical Test	X		
Physical Properties	X		
Construction & Workmanship	X		
Performance Test	X		
Labeling Requirement			Not applicable

Meet Federal Regulation (X)
Fail Federal Regulation ()
Meets ITS Performance Std (X)
Fails ITS Performance Std ()

Comments:Nil

Remarks:

#1 No artwork of packaging and label were provided for review.

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Bobo Yao
Assistant General Manager



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Conclusion:

Tested samples

Submitted carton of packaged product

Standard

ISTA test procedure 1A: 2014

Result

Pass

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Bobo Yao
Assistant General Manager



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Tests Conducted

1.As requested by the applicant, the submitted sample was tested as per MPS-03087-US Dated Apr 26, 2022, the test results were listed as below:

Test Description	Test Method	Requirement	Result	Rating
Chemical Test				
* Lead Content in Paint or Similar Surface Coating	With reference to 16 CFR 1303	Shall not contain Lead or Lead compounds in which the Lead content is in excess of 0.009% (90ppm) by weight of the total content.	Meet	P
†* Toxic Elements in Packaging Components	Various US State Laws / TPCH	Packaging shall comply with TPCH in those states with legislation. Total concentration of Pb, Cd, Hg and hexavalent Cr shall not exceed 100 ppm. In lieu of testing, test report or guarantee letter can be submitted if dated within 1 year.	NA	-
* Phthalates in Packaging Components	TPCH and its 2021 Update	The sum of phthalates in package or packaging component shall not exceed 100 ppm. In lieu of testing, test report or guarantee letter can be submitted if dated within 1 year.	NA	-
* PFAS in Packaging Components	TPCH and its 2021 Update	There shall be no detectable PFAS in package or packaging component. In lieu of testing, test report or guarantee letter can be submitted if dated within 1 year.	NA	-
†* EPA TSCA Title VI – Composite Wood	40 CFR 770 / Client Requirement	<ul style="list-style-type: none"> ● If regulated composite wood is not present in the sample, result is N/A. ● If regulated composite wood is present in the sample: <ul style="list-style-type: none"> - Vendors shall provide completed ITS's Certificate of Compliance (COC) for TSCA Formaldehyde Emission Standard which certify that the finished product containing composite wood (defined by 40 CFR 770) are compliant with the TSCA formaldehyde emission standards, rules and regulations. <p><u>Note:</u></p> <ul style="list-style-type: none"> ● Regulated composite wood includes: <ul style="list-style-type: none"> - Hardwood plywood (HWPW) - Medium-density fiberboard (MDF) - Thin medium-density fiberboard (Thin MDF) - Particleboard (PB) ● Rating Schedule: <ul style="list-style-type: none"> - On or after June 1, 2018: <p>Compliant submission shall be rated as pass. Non-compliant submission shall be rated as fail.</p>	NA	-
Physical Properties				
Overall Dimensions	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: Φ17.3in.x12.8in.(H) No claims	-



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Test Description	Test Method	Requirement	Result	Rating
Overall Weight	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 26.73lb. No claims	-
Pole Holder Inner Diameter	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: Φ1.58in. No claims	-
Depth of Pole Insert	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 9in. No claims	-
Pitch of Pole Insert	ITS-M0059	The axis of the insert slot of umbrella base shall not deviate be more than 2° from the vertical axis.	Meet	P
Material Type	Visual Check	Report actual. Shall meet label claims (If applicable).	R: Cement,Metal,Plastic No claims	-
Construction & Workmanship				
Sharp Points / Edges	With reference to 16 CFR 1500.48 / 1500.49	Shall have no sharp points or edges as received, other than those required for function.	Meet	P
Workmanship	Visual Check	Shall have no discernible surface degradation, including but not limited to crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.	Meet	P
Components	Visual Check	Shall have no components missing, malformed, and/or fractured.	Meet	P
Weld / Glue	Visual Check	Shall be smoothly ground and free from pits and splatter.	Meet	P
Performance Test				
Functionality	ITS-M0061	Shall function as intended as received.	Meet	P
Assembly	ITS-M0068	Shall be assembled as instructed or intended without any adverse findings obstructing assembly.	Meet	P
Pole Securement	In-house Method	For umbrella base: - Shall tighten easily to hold umbrella securely in upright position. - Shall be adjustable to accommodate the minimum and maximum labeled pole sizes. Report minimum and maximum pole sizes tested.	Meet (No labeled, Maximum test: Φ1.48in.)	P
* Stability with Umbrella Inserted	ITS-M0015	There shall not tip over after inserting the testing umbrella in umbrella base on a horizontal floor. When a tilt-type umbrella is installed as intended and tilted to a position most likely to cause tip-over. Then repeat the test at 8° incline surface. Record umbrella height, weight, pole diameter and testing position (such as testing height or tilt angle if applicable). NOTE: Only perform the test when testing umbrella is provided by vendor for testing.	Meet (Test with 9ft umbrella: Height: 92.5 in. Weight: 4.35kg Pole diameter: 1.48 in.)	P



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Test Description	Test Method	Requirement	Result	Rating
* Leakage (For umbrella base intended to be filled)	ITS-M0061	Umbrella base shall have no leakage when filled with the intended material (such as water or sand) of claimed capacity for 24 hours.	NA (No filled)	-
* Cross Cut Test	EN ISO 2409	For coating on metal component: Classification 2 min.	Meet	P
* Cyclic Test (For operable component)	ITS-M0061	Operable component shall withstand 100 times actual use cycles without failure or loss of functionality.	NA	-
* Effects of Extreme Temperature	ITS-M0007	Shall withstand for 24 hours at 0 degrees Fahrenheit and then 24 hours at 120 degrees Fahrenheit with no structural failure or visual change.	Meet	P
* Moisture Content (For solid wood)	ITS-M0054	Moisture content of solid wood shall be within 8% - 12%.	NA	-
* Resistance to Corrosion (For metal components)	ASTM B117	Metal components shall withstand 24 hours in 5% salt spray (fog) with no major corrosion or visual change.	Meet	P
* Transit Testing (By request only)	ISTA Procedure as Appropriate to Package	Packaged product shall be tested to applicable ISTA procedure and method, based on package configuration. Inspect package and product for damage upon completion of test. Report results.	Meet	P
Labeling Requirement				



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Test Description	Test Method	Requirement	Result	Rating
†* EPA TSCA Title VI – Composite Wood - Finished Good Labeling	40 CFR 770.45(c) / 40 CFR 770.45(e)	<p>Finished goods containing regulated composite wood shall comply with the labeling requirements found in 40 CFR 770.45(c) unless the finished good qualifies for the de minimis exception found in 40 CFR 770.45(e).</p> <ul style="list-style-type: none"> • A finished good does not require labeling per 40 CFR 770.45(c) if the finished good does qualify for the de minimis exception in 40 CFR 770.45(e). If the finished good does qualify for the de minimis exception, result is N/A. • A finished good does require labeling per 40 CFR 770.45(c) if the finished good does not qualify for the de minimis exception in 40 CFR 770.45(e). <ul style="list-style-type: none"> - At a minimum, the label must be on the product OR the packaging - The label may be applied as a stamp, tag, or sticker - The label shall include, at a minimum, in legible English text: <ol style="list-style-type: none"> 1. Fabricator's name 2. Date the finished good was produced (in month/year format) 3. A statement of compliance to denote that the finished good complies with TSCA Title VI <p>Example: XXX Company MM/YYYY TSCA Title VI compliant for formaldehyde</p> <p><u>Notes:</u></p> <ul style="list-style-type: none"> • A de minimis amount of regulated composite wood is defined as regulated composite wood content not exceeding 144 square inches, based on the surface area of the largest face of the finished good. • The de minimis exception is not available to finished goods or component parts that are designed to be used in combination or in multiples to create larger surfaces, finished goods, or component parts. • Rating Schedule: <ul style="list-style-type: none"> - On or after June 1, 2018*: Compliant submission shall be rated as pass. Non-compliant submission shall be rated as fail. <p>*Products labeled as CARB acceptable until March 21, 2019. *On or after March 22nd, only TSCA label acceptable.</p>	NA	-

IMPORTANT NOTE: The information presented under the "Requirements / Limits" column of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.



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REMARK: Additional tests may be incurred subject to the final samples reviewed by Intertek.

KEY: † : Mandatory Requirement * : Additional charge items

Results Key:

NA	Not Applicable	NT	Not Tested
NR	Not Requested	R	Recorded
C	Claimed	P	Pass
F	Fail		

Date of Sample Received: Aug 30,2023

Testing Period: Aug 30,2023 to Sep 19,2023

2.TRANSPORTATION TEST (ISTA 1A)

As per ISTA integrity test procedure 1A: 2014, the performance and integrity of the packaged product was evaluated.

Number of sample tested: One (1) carton

1. Shipping mark: Nil

2. Description of package:

External container size (inch) : Length _21.75_ x width _18.75_ x depth _3.5_
Gross weight (lbs) : 28.49
Box style : Full overlap slotted container (FOL)
Wall Corrugated board : Double
Box maker's certificate : No
Joint : Glued joint
Closed with : Pressure-sensitive tape
Style : Top opening.
(See enclosed picture 1)

3. Test procedure

(a) Atmospheric preconditioning

Laboratory ambient temperature and humidity for twelve (12) hours at: _22.5_ °C, _55_ % RH.

(b) Vibration test

Mode of vibration: Rotary
(b1)Before a single 90° horizontal rotation
Vibration frequency: (CPM) _200_ cycles per minute
Duration of testing: _35_ Minutes and _30_ seconds



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Number of Vibration:(Cycles) 7,100

(b2)After a single 90° horizontal rotation
Vibration frequency: (CPM) _200_ cycles per minute

Duration of testing: _35_ Minutes and _30_ seconds

Number of Vibration:(Cycles) 7,100

Remark: No puncture of carton box was observed.

(c) Drop test

Method used: Free fall drop

Number of drops: 10

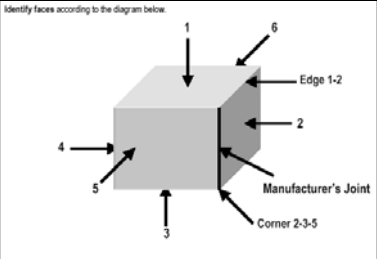
Height of drop (inches): 24

- 1). No puncture of carton box was observed.
- 2). The test drop height varies with the weight of the packaged-product.

The drop height and the weight were listed as below:

Packaged-product weight (lb)	Drop height (in.)
$0 \leq G < 21$ lb	30
$21 \leq G < 41$ lb	24
$41 \leq G < 61$ lb	18
$61 \leq G < 100$ lb.	12
$100 \leq G < 150$ lb.	8

3). The drop sequence and orientation were listed as below:

Sequence	Orientation	Specific face edge or corner	Verify face edge or corner
1	Corner	Most fragile face-3 corner, if not known, test 2-3-5	 <p>Identify faces according to the diagram below.</p>
2	Edge	Shortest edge radiating from the corner tested	
3	Edge	Next longest edge radiating from the corner tested	
4	Edge	Longest edge radiating from the corner tested	
5	Face	One of the smallest face	
6	Face	Opposite small face	
7	Face	One of the medium face	
8	Face	Opposite medium face	
9	Face	One of the largest face	
10	Face	Opposite large face	

4. Interior packaging:

See enclosed pictures

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Result: Neither visible damage nor malfunction was observed on the contents of the packaged product.

Date Sample Received: Aug 22, 2023

Testing Period: Aug 22, 2023 to Aug 25, 2023

3.Total Lead (Pb) Content

As per U.S. Code of Federal Regulations title 16 part 1303, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested component</u>	<u>Result (%)</u>	<u>Limit (%)</u>
(1)	ND	0.009

The limit was quoted according to CPSC Regulation CFR title 16 Part 1303 for Lead (Pb) content.

Remark: ND = Not Detected

Detection Limit = 0.002%

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

Date Sample Received: Aug 22, 2023

Testing Period: Aug 22, 2023 to Sep 14, 2023

Tested components:

(1) Black coating on metal



Picture 1: Submitted sample



Picture 2: Submitted Sample

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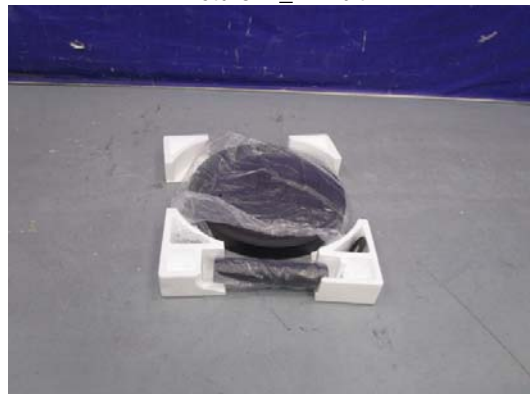
Picture 3:_Exhibit



Picture 4:_Exhibit



Picture 5:_Exhibit



Picture 6:_Exhibit



Picture 7:_Exhibit



Picture 8:_Exhibit

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Picture 9:_Exhibit



Picture 10:_Exhibit

End of Report

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