

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 1 of 8

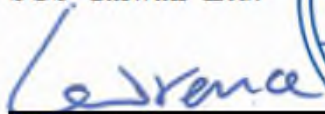
Date : NOV. 16, 2020

SUPER KIDS INTERNATIONAL CO., LTD.NO. 56, LANE 396, SECTION 2, SAN FONG RD., FONG YUAN CITY, TAICHUNG COUNTY 420
TAIWAN**The following merchandise was submitted and identified by the applicant as:**Product Description: CHILDRENS TABLE AND CHAIRSStyle/Item No.: #8809UN, #8809WCountry of Origin: Taiwan**We have tested the submitted sample(s) as requested and the following results were obtained:**

Test Requested: Refer to
(1) FIRA/FRQG C001:2016 Furniture – Children’s Domestic Furniture –
General safety requirements
(As per client’s request, excluding clause 6.1.3 and 7)
(2) FIRA/FRQG C003:2016 Furniture - Children’s Domestic Furniture
- Tables and desks – Requirements for strength, stability and durability
Clause 4 TESTING

Test Level: Age 3-6 years (Level 1)Test Methods and Results: --- See following sheet(s) ---Date of Receipt: Nov. 03, 2020Testing Period: Nov. 03, 2020 ~ Nov. 11, 2020

Note: This report supersedes the previous one bearing Report No: HLB0037/2020,
issued on 2020/11/12.

Signed for and on behalf of
SGS Taiwan Ltd.
Lawrence Yang
Supervisor

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 2 of 8

Test Methods and Results: (1) FIRA/FRQG C001:2016 Furniture – Children's Domestic
Furniture - General safety requirements

6.1 Materials

6.1.1 Wood, wood-based material and material of vegetable origin shall be free from decay and insect attack. N/A

6.1.2 Materials shall be clean and free from infestation. Pass

6.1.3 All materials and surfaces that are accessible to the child shall fulfil the requirements of BS EN 71-3 and BS EN 71-9. Excluded

6.1.4 Metals within reach of the child shall either be made of corrosion-resistant materials or be protected against corrosion. N/A

6.1.5 Textile components of children's beds shall not contain free or Hydrolyzed formaldehyde in excess of 30 mg/kg when tested in accordance with BS EN ISO 14184-1:2011. N/A

6.1.6 Particleboards as a minimum should comply with the Class E1 formaldehyde requirements specified in BS EN 312: 2010 - Particleboards- Specifications Table 1 N/A

Fibreboards (MDF etc) as a minimum should comply with the Class E1 formaldehyde requirements specified in BS EN 622:P1-P4 - Fibreboards- Specifications Table 1

6.1.7 Glass and mirrors shall not be used in any product. Pass

6.1.8 Visible fabrics and textiles with a surface pile shall conform to the surface flash requirements EN 1103:2005 N/A

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 3 of 8

Test Methods and Results: (1) FIRA/FRQG C001:2016 Furniture – Children's Domestic
Furniture - General safety requirements

6.2 Edges and cornersPass

For seating, the edges and corners of the seat, back rest and arm rests which are directly in contact with the user when sitting, lying or reclining shall be rounded or chamfered.

For table tops the edges and corners which are directly in contact with the user shall be rounded or chamfered.

All other edges and corners of children's furniture, accessible during use, shall be free from burrs and/or sharp edges.

6.3 Tubular components, holes and gaps accessible during usePass

There shall be no holes or gaps greater than 7 mm or less than 12 mm into which a 7 mm test probe can be inserted to a depth greater than 10 mm.

The ends of all tubular components shall be capped or plugged. Caps and plugs shall not become detached when tested in accordance with the torque test, Clause 8.3 of EN 71-1 and the tension test Clause 8.4 of EN 71-1.

6.4 Shear and squeeze points**6.4.1 Shear and squeeze points when setting up and folding**N/A

With the exception of products featuring a scissor-like action, unless 6.4.2 or 6.4.3 are applicable, shear and squeeze points that are created during setting up or folding are acceptable providing the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately on experiencing pain.

Where the products feature a scissor-like action when folding/opening then the product shall have:

A safety stop or locking device that meets the strength of locking mechanism test requirement Clause 6.4 of BS EN 14988-2:2006+A1:2012 or

A minimum clearance of 12 mm between moving parts which constitute a scissor-like action.

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 4 of 8

Test Methods and Results: (1) FIRA/FRQG C001:2016 Furniture – Children's Domestic
Furniture - General safety requirements

6.4.2 Shear and squeeze points under the influence of powered mechanisms

N/A

With the exception of hinges featuring return springs there shall be no accessible shear and squeeze points created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs, gas lifts.

For hinges featuring return springs the door shall meet the requirements of EN 71-1 Clause 4.14.1 Paragraph b.

6.4.3 Shear and squeeze points during use

Pass

With the exception of doors, flaps, extension elements and their hardware there shall be no accessible shear and squeeze points created by loads applied during normal use.

Note: It is recommended that there should be no gap greater than 7 mm between the hinged edge of a door or flap and the main body of the product when assembled/adjusted for normal use.

Shear and squeeze points are not acceptable if a hazard is created by the weight or movement of the user during normal movements and actions, e.g. attempting to move a chair by lifting the seat or adjusting the backrest.

Where such a hazard exists an automatic locking device must be used.

Where an automatic locking device is fitted it shall meet the strength of locking mechanism test requirement Clause 6.4 of BS EN 14988-2:2006+A1:2012.

6.5 Tapering Gaps

Pass

Partially bound and V-shaped openings with a lower edge of 600 mm or more above the ground, or any other surface which is of such a size that it will support a child, shall be constructed that either:

1. The opening is not accessible as defined in Figure 19 of EN 71-8, and when tested in accordance with EN 71-8 Clause 6.5.2.3 a) (head and neck entrapment in partially bound and V-shaped openings), or
2. The tip of the template contacts the base of the opening when tested in accordance with EN 71-8 Clause 6.5.2.3 b) (head and neck entrapment in partially bound and V-shaped openings).

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 5 of 8

Test Methods and Results: (1) FIRA/FRQG C001:2016 Furniture – Children's Domestic
Furniture - General safety requirements

6.6 MagnetsN/A

When magnets are used within an item of furniture they shall not become detached when tested in accordance with the torque test, Clause 8.3 of EN 71-1 and the tension test Clause 8.4 of EN 71-1.

6.7 EnclosuresN/A

Any item of furniture that a child can enter and has an internal volume greater than 0.03 m³, and in which all the internal dimensions are greater than 150 mm, shall conform to Clause 4.14.1(a) or Clause 4.14.1(b) of EN 71-1.

Any item of furniture that a child can enter shall conform to Clause 4.4 of EN 71-2.

6.8 FlapsN/A

In order to prevent children's heads and necks becoming entrapped by flaps, all storage units, or areas within storage units, that are fitted with lids/flaps shall be provided with lid- support mechanisms to prevent sudden collapse or dropping of the lid. The lid – support mechanism shall support the lid so that at no position in the arc of travel of the lid from within 50 mm of the fully closed position through an arc not to exceed 60° from the fully closed position shall it drop more than 12 mm under the influence of its own mass, except in the last 50 mm of travel. The test shall be performed according to Clause 8.31.1 of EN 71-7.

The lid-support mechanism shall conform to this requirement before and after being subjected to 7000 opening and closing cycles, as described in Clause 8.31.2 of EN 71-1.

The lid-support mechanism shall not require adjustment by the consumer to ensure adequate lid support, nor shall it require adjustment in order to conform to the above requirement after being cycled according to Clause 8.31.2 of EN 71-1.

6.9 Cords, Ribbons and tie backsN/A

The maximum free length of any cord, ribbon or tie back shall be 220 mm
The length of a cord, ribbon or similar part is measured from the fixing point to the free end of the cord, ribbon or similar part while a 25 N tensile force is applied to the cord, ribbon or similar part.

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 6 of 8

Test Methods and Results: (1) FIRA/FRQG C001:2016 Furniture – Children's Domestic
Furniture - General safety requirements

6.10 PackagingN/A

Packaging supplied with the furniture shall conform to Clause 6 of EN 71-1.

For plastic bags the following statement should be added:

'Warning. To avoid danger of suffocation keep this bag away from babies and children'.

7. Instructions and Information supplied with product**7.1 Assembly instructions**Excluded

- a) Full assembly instructions including a list of components and tools required
- b) The statement – 'Assembly to be carried out by a competent adult only'
- c) The statement – 'During assembly children should be kept away from the product due to possible risk of injury'
- d) The statement – 'Do not use this item if any components are missing or damaged.'

7.2 Product informationExcluded

- a) The statement 'Important: Retain these instructions for future reference' in letters not less than 5 mm high
- b) The statement – 'This product is suitable for children in the age range of children for which the product is designed (i.e. 3 – 6 years, 7 – 12 years or 3 – 12 years)
- c) The maximum child weight or load for which the product is suitable
- d) Suitable care and maintenance instructions.
- e) Where a product has a folding action the statement – 'Folding and unfolding this product should only be carried out under adult supervision.'
- f) Where a product has a folding action, or requires adjustment in use, the statement – 'Ensure that fingers and legs are clear of all adjustments when adjusting this product.'
- g) Where appropriate the statement – 'Regularly check all fastenings to ensure that they properly tightened'
- h) The registered trade name or trademark of the manufacturer, distributor, importer or retailer
- i) A means of identifying the product

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 7 of 8

Test Methods and Results: (1) *FIRA/FRQG C001:2016 Furniture – Children’s Domestic Furniture - General safety requirements*

7.3 Point of Sale information

Excluded

- a) Identification of the product
- b) The statement – ‘This product is suitable for children in the age range of children for which the product is designed (i.e. 3 – 6 years, 7 – 12 years or 3 – 12 years)
- c) The maximum child weight or load for which the product is suitable.

Test Methods and Results: (2) *FIRA/FRQG C003:2016 Furniture - Children’s Domestic Furniture - Tables and desks – Requirements for strength, stability and durability*

Clause 4 Testing

Test Description	Test	Unit	Test load/force/height	Result
Stability under vertical load	BS EN 1730:2012, clause 7.2	N	V ₁ =150 V ₂ =300	Pass
Stability with drawers open	Annex A	N	200	N/A
Stability for tables supporting parasols	BS EN 1730:2012, clause 7.4	N	30	N/A
Horizontal static load	BS EN 1730:2012, clause 6.2	N 10 cycles	300	Pass
Vertical static load	BS EN 1730:2012, clause 6.3, 6.3.1	N 10 cycles	main working surface: 500 ancillary working surface:200	Pass
Horizontal fatigue	BS EN 1730:2012, clause 6.4, 6.4.1, 6.4.2	N	200 5,000 cycles	Pass
Vertical impact	BS EN 1730:2012, clause 6.6.1, 6.6.2, 6.6.3	mm 10 cycles	100	Pass
Drop test	BS EN 1730:2012, clause 6.9	mm	100	Pass

TEST REPORT

Hardline Laboratory

Report No. : HLB0037A/2020

Page : 8 of 8

Note:

1. N/A: Not Applicable.
2. The content of this report is invalid if it is not presented as the entire report.
3. The statement of conformity is based on the test results, but does not include the measurement uncertainty.
4. As per client's request, tested the table of #8809UN only.

– Picture(s) –

Photo A: Appearance of the samples -
#8809UNPhoto B: Appearance of the samples -
#8809W

--- End of Report ---