



# TEST REPORT

Report No. 010222060017

DATED: 17 JUNE 2022

**Client** : PLAN CREATIONS CO., LTD.  
8 MOO 8, TRANG-PALIAN RD.,  
YANTAKAO, TRANG 92140 THAILAND

**Buyer** : /

**Sample Description** : RUBBER CONVERTIBLE BOAT-PASTEL ORANGE

**Item No.** : 5807

**SKU No.** : /

**Model / Style** : /

**Age Grade** : 12M+

**Manufacturer** : /

**Country of Origin** : THAILAND

**Country of Destination** : /

**Test Sample Received** : RECEIVED ON 11/06/2022

**Test Period** : FROM 11/06/2022 TO 17/06/2022

| TEST REQUESTED                                                                                                                      | CONCLUSION | REMARK |
|-------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (MECHANICAL AND PHYSICAL PROPERTIES)                           | PASS       | -      |
| ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (FLAMMABILITY)                                                 | PASS       | -      |
| CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 CHILDREN'S PRODUCTS CONTAINING LEAD                                     | PASS       | -      |
| ILCS 410 ILCS 45 LEAD POISONING PREVENTION ACT SEC. 6(B) CHILDREN'S PRODUCTS (ILLINOIS)                                             | PASS       | -      |
| ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (SOLUBLE HEAVY METAL CONTENT)                                  | PASS       | -      |
| CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 108 PROHIBITION OF SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES | PASS       | -      |
| CALIFORNIA PROPOSITION 65 – PHTHALATE CONTENT                                                                                       | PASS       | -      |



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For technical enquiries or any other concerns,  
please contact:

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**APPROVED BY:**

**SUZEN CHONG**

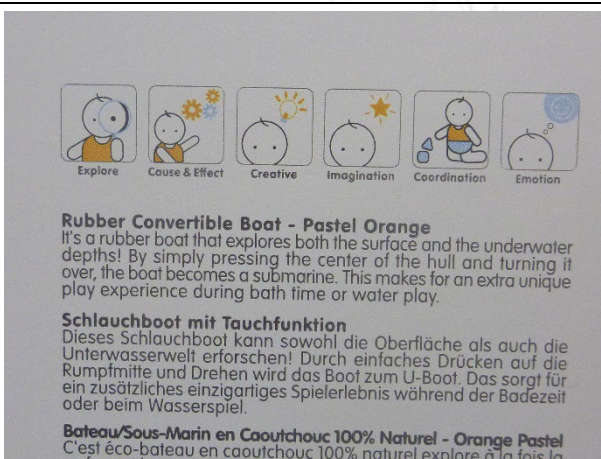
Senior Vice President

GICG - ENABLING TRUST IN A CHANGING WORLD

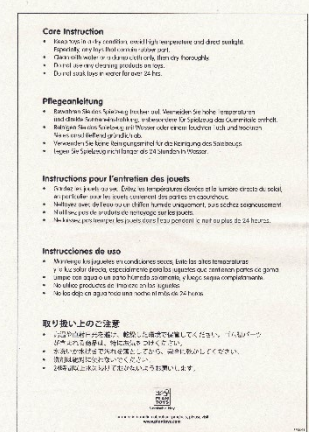
**GIC Testing & Inspection Services Pte Ltd**

158 Kallang Way #08-01  
Singapore 349245

## SAMPLE PHOTO



## SAMPLE PHOTO





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## REMARK:

As per customer request, results for chemical tests listed below were referenced from the corresponding reports, issued no more than 12 months prior to this report.

**Item Description:** 5807 RUBBER CONVERTIBLE BOAT-PASTEL ORANGE

### Components

#### ASTM F963-17 Soluble Heavy Metals

LIGHT ORANGE RUBBER

### Report Number

010222060007

### Date of Issue

08 Jun 2022

### Lead in Substrate

LIGHT ORANGE RUBBER

010222060007

08 Jun 2022

### Phthalate Content

LIGHT ORANGE RUBBER

010222060007

08 Jun 2022

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# Report No. 010222060017

DATED: 17 JUNE 2022

## TEST RESULT(S):

### ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Mechanical and Physical Properties)

Test Method : Reference to ASTM F963-17.

| Clause | Requirement                                       | Result      |
|--------|---------------------------------------------------|-------------|
| 4.1    | Material quality                                  | M           |
| 4.2    | Flammability                                      | See Results |
| 4.3    | Toxicology                                        | See Results |
| 4.4    | Electrical/Thermal Energy                         | NA          |
| 4.5    | Sound-Producing Toys                              | NA          |
| 4.6    | Small Objects                                     | NA          |
| 4.7    | Accessible Edges                                  | M           |
| 4.8    | Projections                                       | NA          |
| 4.9    | Accessible Points                                 | M           |
| 4.10   | Wires or Rods                                     | NA          |
| 4.11   | Nails and Fasteners                               | NA          |
| 4.12   | Plastic Film                                      | NA          |
| 4.13   | Folding Mechanisms and Hinges                     | NA          |
| 4.14   | Cords, Straps, and Elastics                       | NA          |
| 4.15   | Stability and Over-Load Requirements              | NA          |
| 4.16   | Confined Spaces                                   | NA          |
| 4.17   | Wheels, Tires, and Axles                          | NA          |
| 4.18   | Holes, Clearance, and Accessibility of Mechanisms | NA          |
| 4.19   | Simulated Protective Devices                      | NA          |
| 4.20   | Pacifiers                                         | NA          |
| 4.21   | Projectile Toys                                   | NA          |
| 4.22   | Teethers and Teething Toys                        | NA          |
| 4.23   | Rattles                                           | NA          |
| 4.24   | Squeeze Toys                                      | NA          |
| 4.25   | Battery-Operated Toys                             | NA          |
| 4.26   | Toys Intended to be Attached to a Crib or Playpen | NA          |
| 4.27   | Stuffed and Beanbag-Type Toys                     | NA          |
| 4.28   | Stroller and Carriage Toys                        | NA          |
| 4.29   | Art Materials                                     | NA          |
| 4.30   | Toy Gun Marking                                   | NA          |
| 4.31   | Balloons                                          | NA          |
| 4.32   | Certain Toys with Nearly Spherical Ends           | NA          |
| 4.33   | Marbles                                           | NA          |
| 4.34   | Balls                                             | NA          |
| 4.35   | Pompoms                                           | NA          |
| 4.36   | Hemispheric-Shaped Objects                        | NA          |
| 4.37   | Yo Yo Elastic Tether Toys                         | NA          |
| 4.38   | Magnets                                           | NA          |
| 4.39   | Jaw Entrapment in Handles and Steering Wheels     | NA          |
| 4.40   | Expanding Materials                               | NA          |
| 4.41   | Toy Chests                                        | NA          |
| 5      | Labeling Requirements                             | M           |
| 6      | Instructional Literature                          | M           |
| 7      | Producer's Markings                               | M           |

Note:

M = Meet

NR = Not Requested

NM = Not Meet

NT = Not Tested

NA = Not Applicable

NP = Not Present

R = Refer to Comment Section



# Report No. 010222060017

DATED: 17 JUNE 2022

## TEST RESULT(S): (Continued)

### ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Flammability)

**Test Method** : Reference to ASTM F963-17 Annex A5 and A6.

| Test Item(s)      | Item / Component Description(s)            |                  |               |             |                  |             |
|-------------------|--------------------------------------------|------------------|---------------|-------------|------------------|-------------|
| 1                 | 5807 RUBBER CONVERTIBLE BOAT-PASTEL ORANGE |                  |               |             |                  |             |
| Test Item(s)      | Length of Major Axis (in)                  | Burn Length (in) | Burn Time (s) | Req. (in/s) | Burn Rate (in/s) | Result      |
| 1                 | 4.9                                        | DNI              | DNI           | 0.1         | DNI              | DNI         |
| <b>Conclusion</b> | -                                          | -                | -             | -           | -                | <b>PASS</b> |

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

DNI = Did Not Ignite

### Consumer Product Safety Improvement Act of 2008 Section 101 Children's Products Containing Lead

**Test Method** : Reference to CPSC-CH-E1002-08.3 Analysis by ICP-MS.

| Test Item(s)        | Item / Component Description(s) |      |             |
|---------------------|---------------------------------|------|-------------|
| 1                   | LIGHT ORANGE RUBBER             |      |             |
| -                   | Unit                            | Req. | Result      |
| <b>Test Item(s)</b> | -                               | -    | 1           |
| Lead                | mg/kg                           | 100  | ND          |
| <b>Conclusion</b>   | -                               | -    | <b>PASS</b> |

Note:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 2 mg/kg

- ND = Not Detected

### 410 ILCS 45 Lead Poisoning Prevention Act sec. 6(b) Children's Products (Illinois)

**Test Method** : Reference to CPSC-CH-E1002-08.3, CPSC-CH-E1003-09.1 Analysis by ICP-MS.

| Test Item(s)        | Item / Component Description(s) |      |             |
|---------------------|---------------------------------|------|-------------|
| 1                   | LIGHT ORANGE RUBBER             |      |             |
| -                   | Unit                            | Req. | Result      |
| <b>Test Item(s)</b> | -                               | -    | 1           |
| Total Lead (Pb)     | mg/kg                           | 40   | ND          |
| <b>Conclusion</b>   | -                               | -    | <b>PASS</b> |

Note:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 2 mg/kg

- ND = Not Detected

### ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Soluble Heavy Metal Content)

**Test Method** : Reference to ASTM F963-17 Analysis by ICP-MS.

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | LIGHT ORANGE RUBBER             |



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## TEST RESULT(S): (Continued)

| -                     | Unit  | Req. | Result      |
|-----------------------|-------|------|-------------|
| <b>Test Item(s)</b>   | -     | -    | 1           |
| Antimony (Sb)         | mg/kg | 60   | ND          |
| Arsenic (As)          | mg/kg | 25   | ND          |
| Barium (Ba)           | mg/kg | 1000 | ND          |
| Cadmium (Cd)          | mg/kg | 75   | ND          |
| Chromium III (Cr III) | mg/kg | 60   | ND          |
| Lead (Pb)             | mg/kg | 90   | ND          |
| Mercury (Hg)          | mg/kg | 60   | ND          |
| Selenium (Se)         | mg/kg | 500  | ND          |
| <b>Conclusion</b>     | -     | -    | <b>PASS</b> |

Note:

- mg/kg = milligrams per kilogram
- ND = Not Detected
- Reporting limit (each) = 2 mg/kg

## Consumer Product Safety Improvement Act of 2008 Section 108 Prohibition of Sale of Certain Products Containing Specified Phthalates

**Test Method** : Reference to CPSC-CH-C1001-09.4 Analysis by GC-MS.

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | LIGHT ORANGE RUBBER             |

| -                           | Abbrev. | Unit | Req. | Result      |
|-----------------------------|---------|------|------|-------------|
| <b>Test Item(s)</b>         | -       | -    | -    | 1           |
| Di-(2-ethylhexyl) phthalate | DEHP    | %    | 0.1  | ND          |
| Di-butyl phthalate          | DBP     | %    | 0.1  | ND          |
| Benzyl butyl phthalate      | BBP     | %    | 0.1  | ND          |
| Di-iso-nonyl phthalate      | DINP    | %    | 0.1  | ND          |
| Di-iso-butyl phthalate      | DIBP    | %    | 0.1  | ND          |
| Di-n-pentyl phthalate       | DPENP   | %    | 0.1  | ND          |
| Di-n-hexyl phthalate        | DHEXP   | %    | 0.1  | ND          |
| Di-cyclohexyl phthalate     | DCHP    | %    | 0.1  | ND          |
| <b>Conclusion</b>           | -       | -    | -    | <b>PASS</b> |

Note:

- Reporting limit (Each): 0.01 %
- ND = Not Detected

| ANNEX                       |         |          |                         |         |                         |
|-----------------------------|---------|----------|-------------------------|---------|-------------------------|
| Compound                    | Abbrev. | CASRN    | Compound                | Abbrev. | CASRN                   |
| Di-(2-ethylhexyl) phthalate | DEHP    | 117-81-7 | Di-iso-butyl phthalate  | DIBP    | 84-69-5                 |
| Di-butyl phthalate          | DBP     | 84-74-2  | Di-n-pentyl phthalate   | DPENP   | 84-61-7                 |
| Benzyl butyl phthalate      | BBP     | 85-68-7  | Di-n-hexyl phthalate    | DHEXP   | 28553-12-0 / 68515-48-0 |
| Di-iso-nonyl phthalate      | DINP    | 131-18-0 | Di-cyclohexyl phthalate | DCHP    | 84-75-3                 |

CASRN: Chemical Abstracts Service Registry Number

## California Proposition 65 – Phthalate Content

**Test Method** : Reference to CPSC-CH-C1001-09.4 Analysis by GC-MS.

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | LIGHT ORANGE RUBBER             |



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## TEST RESULT(S): (Continued)

| -                           | Abbrev. | Unit | Req. | Result      |
|-----------------------------|---------|------|------|-------------|
| <b>Test Item(s)</b>         | -       | -    | -    | 1           |
| Benzyl butyl phthalate      | BBP     | %    | 0.1  | ND          |
| Di-butyl phthalate          | DBP     | %    | 0.1  | ND          |
| Di-(2-ethylhexyl) phthalate | DEHP    | %    | 0.1  | ND          |
| Di-iso-decyl phthalate      | DIDP    | %    | 0.1  | ND          |
| Di-iso-nonyl phthalate      | DINP    | %    | 0.1  | ND          |
| Di-n-hexyl phthalate        | DNHP    | %    | 0.1  | ND          |
| <b>Conclusion</b>           |         | -    | -    | <b>PASS</b> |

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected

| ANNEX                       |         |          |                        |         |                         |
|-----------------------------|---------|----------|------------------------|---------|-------------------------|
| Compound                    | Abbrev. | CASRN    | Compound               | Abbrev. | CASRN                   |
| Di-butyl phthalate          | DBP     | 84-74-2  | Di-iso-decyl phthalate | DIDP    | 68515-49-1 / 26761-40-0 |
| Benzyl butyl phthalate      | BBP     | 85-68-7  | Di-iso-nonyl phthalate | DINP    | 131-18-0                |
| Di-(2-ethylhexyl) phthalate | DEHP    | 117-81-7 | Di-n-hexyl phthalate   | DNHP    | 28553-12-0 / 68515-48-0 |

CASRN: Chemical Abstracts Service Registry Number

## END OF REPORT

This report sets forth our findings solely with respect to the test samples identified herein. The results in this report are not representative of the quality or characteristics of the lot/batch from which a test sample was taken or any similar or identical product unless specifically and expressly noted. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client, GIC Testing & Inspection Services Pte. Ltd. therefore assumes no responsibility for the accuracy of information on the brand name, model/ style number, consignment or any information supplied. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.