

## TEST REPORT

Test Report # 19H-007349 Date of Report Issue: October 11, 2019  
Date of Sample Received: September 30, 2019 Pages: Page 1 of 12

### CLIENT INFORMATION:

Company: Hit Promotional Products  
Recipient: Nathan Cotter  
Recipient Email: ncotter@hitpromo.net



### SAMPLE INFORMATION:

Description: Hockey Puck Shape Stress Reliever  
Assortment: 1 color Purchase Order Number: 337595  
SKU No.: 4075 Agent: Brand New Days  
Factory No.: 106961 Country of Origin: China  
Country of Distribution: United States Labeled Age Grade: -  
Quantity Submitted: 7 pcs Recommended Age Grade: All ages  
Testing Period: 10/02/2019 – 10/09/2019 Tested Age Grade: All ages  
10/11/2019 – 10/11/2019

### OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



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Assistant Manager, Chemical Laboratory

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**TEST RESULTS SUMMARY:**

At the request of the client, the following tests were conducted:

| CONCLUSION | TEST(S) CONDUCTED   |
|------------|---|
| PASS       | CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials   |
| PASS       | CPSIA Section 101, Total Lead in Substrate Materials  |
| PASS       | California Proposition 65, Total Lead in Substrate Materials  |
| PASS       | California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)  |
| PASS       | 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)  |
| PASS       | Client’s Requirement, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)  |
| PASS       | CPSIA Section 102 & 16 CFR 1501, Small Parts<br>CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards<br>16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards |
| PASS       | 16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids  |
| PASS       | CPSIA Section 103, Tracking Labels for Children’s Products <sup>#</sup>   |

*Remark:*

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings was not conducted as no paint and similar surface coating found on received sample.

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**DETAILED RESULTS:**

**CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.1  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Substrate Materials Other Than Modeling Clay

| Specimen No.        | 1               | ---             | ---             | ---             | ---             | Soluble<br>Limit<br>(ppm) |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Test Item           | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) |                           |
| Total Antimony (Sb) | ND              | ---             | ---             | ---             | ---             | 60                        |
| Total Arsenic (As)  | ND              | ---             | ---             | ---             | ---             | 25                        |
| Total Barium (Ba)   | ND              | ---             | ---             | ---             | ---             | 1000                      |
| Total Cadmium (Cd)  | ND              | ---             | ---             | ---             | ---             | 75                        |
| Total Chromium (Cr) | ND              | ---             | ---             | ---             | ---             | 60                        |
| Total Lead (Pb)     | ND              | ---             | ---             | ---             | ---             | 90                        |
| Total Mercury (Hg)  | ND              | ---             | ---             | ---             | ---             | 60                        |
| Total Selenium (Se) | ND              | ---             | ---             | ---             | ---             | 500                       |
| <b>Conclusion</b>   | PASS            | ---             | ---             | ---             | ---             |                           |

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20ppm; Se = 50ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

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**DETAILED RESULTS:**

**CPSIA Section 101, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.      | 1               | ---             | ---             | ---             | ---             | Total<br>Limit<br>(ppm) |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item         | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) | Result<br>(ppm) |                         |
| Total Lead (Pb)   | ND              | ---             | ---             | ---             | ---             | <b>100</b>              |
| <b>Conclusion</b> | PASS            | ---             | ---             | ---             | ---             |                         |

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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**DETAILED RESULTS:**

**California Proposition 65, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.      | 1            | ---          | ---          | ---          | ---          | Total Limit (ppm) |
|-------------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| Test Item         | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) |                   |
| Total Lead (Pb)   | ND           | ---          | ---          | ---          | ---          | 100               |
| <b>Conclusion</b> | PASS         | ---          | ---          | ---          | ---          |                   |

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*

The specification is quoted from client's requirement.

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**DETAILED RESULTS:**

**California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Test Method: CPSC-CH-C1001-09.4  
 Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No.                       |                          | 1              | ---            | ---            | ---            | Limit (mg/kg) |
|------------------------------------|--------------------------|----------------|----------------|----------------|----------------|---------------|
| Test Item                          | CAS No.                  | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) |               |
| Dibutyl phthalate (DBP)            | 84-74-2                  | ND             | ---            | ---            | ---            | 1000          |
| Benzyl butyl phthalate (BBP)       | 85-68-7                  | ND             | ---            | ---            | ---            | 1000          |
| Di-(2-ethylhexyl) phthalate (DEHP) | 117-81-7                 | ND             | ---            | ---            | ---            | 1000          |
| Diisononyl phthalate (DINP)        | 28553-12-0<br>68515-48-0 | ND             | ---            | ---            | ---            | 1000          |
| Diisodecyl phthalate (DIDP)        | 26761-40-0<br>68515-49-1 | ND             | ---            | ---            | ---            | 1000          |
| Di-n-hexyl phthalate (DnHP)        | 84-75-3                  | ND             | ---            | ---            | ---            | 1000          |
| <b>Conclusion</b>                  |                          | PASS           | ---            | ---            | ---            |               |

*Note:*  
 mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)  
 LT = Less than  
 ND = Not detected (Reporting Limit = 300 mg/kg)  
 Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*  
 The specification is quoted from client's requirement.

**DETAILED RESULTS:**

**16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)**

Test Method: CPSC-CH-C1001-09.4  
 Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No.                        |                          | 1              | ---            | ---            | ---            | Limit (mg/kg) |
|-------------------------------------|--------------------------|----------------|----------------|----------------|----------------|---------------|
| Test Item                           | CAS No.                  | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) |               |
| Dibutyl phthalate (DBP)             | 84-74-2                  | ND             | ---            | ---            | ---            | 1000          |
| Benzyl butyl phthalate (BBP)        | 85-68-7                  | ND             | ---            | ---            | ---            | 1000          |
| Di-(2-ethylhexyl) phthalate (DEHP)  | 117-81-7                 | ND             | ---            | ---            | ---            | 1000          |
| Diisononyl phthalate (DINP)         | 28553-12-0<br>68515-48-0 | ND             | ---            | ---            | ---            | 1000          |
| Di-n-hexyl phthalate (DHEXP / DnHP) | 84-75-3                  | ND             | ---            | ---            | ---            | 1000          |
| Dicyclohexyl phthalate (DCHP)       | 84-61-7                  | ND             | ---            | ---            | ---            | 1000          |
| Diisobutyl phthalate (DIBP)         | 84-69-5                  | ND             | ---            | ---            | ---            | 1000          |
| Di-n-pentyl phthalate (DPENP)       | 131-18-0                 | ND             | ---            | ---            | ---            | 1000          |
| <b>Conclusion</b>                   |                          | PASS           | ---            | ---            | ---            |               |

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 LT = Less than  
 ND = Not detected (Reporting Limit = 300 mg/kg)  
 Composite results are based on specimen of least mass resulting in highest potential concentration.

**DETAILED RESULTS:**

**Client's Requirement, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)**

Test Method: CPSC-CH-C1001-09.4  
 Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No.                       |                          | 1              | ---            | ---            | ---            | Limit (mg/kg) |
|------------------------------------|--------------------------|----------------|----------------|----------------|----------------|---------------|
| Test Item                          | CAS No.                  | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) |               |
| Dibutyl phthalate (DBP)            | 84-74-2                  | ND             | ---            | ---            | ---            | 1000          |
| Benzyl butyl phthalate (BBP)       | 85-68-7                  | ND             | ---            | ---            | ---            | 1000          |
| Di-(2-ethylhexyl) phthalate (DEHP) | 117-81-7                 | ND             | ---            | ---            | ---            | 1000          |
| Di-n-octyl phthalate (DnOP)        | 117-84-0                 | ND             | ---            | ---            | ---            | 1000          |
| Diisononyl phthalate (DINP)        | 28553-12-0<br>68515-48-0 | ND             | ---            | ---            | ---            | 1000          |
| Diisodecyl phthalate (DIDP)        | 26761-40-0<br>68515-49-1 | ND             | ---            | ---            | ---            | 1000          |
| <b>Conclusion</b>                  |                          | PASS           | ---            | ---            | ---            |               |

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**DETAILED RESULTS:**

**CPSIA Section 102 & 16 CFR 1501, Small Parts  
 CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards  
 16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards**

Mechanical hazards evaluated as described in 16 CFR 1500.51-1500.53 and ASTM F963-17, as applicable.

| Test    | Observation                              | Conclusion |
|---------|--|------------|
| Impact  | No Small Part, Sharp Edge or Sharp Point | PASS       |
| Torque  | No Small Part, Sharp Edge or Sharp Point | PASS       |
| Tension | No Small Part, Sharp Edge or Sharp Point | PASS       |

**Other Applicable ASTM F963-17 Sections**

| Section | Test              | Conclusion |
|---------|-------------------|------------|
| 4.1     | Material Quality  | PASS       |
| 4.6     | Small Objects     | PASS       |
| 4.7     | Accessible Edges  | PASS       |
| 4.9     | Accessible Points | PASS       |

**16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids**

| Test                   | Observation                            | Conclusion |
|------------------------|--|------------|
| Flammability of Solids | The burn rate is less than 0.1 in/sec. | PASS       |

**CPSIA Section 103, Tracking Labels for Children’s Products#**

| Requirement  | Observation              | Conclusion |
|--|--------------------------|------------|
| Manufacturer or private labeler listed, location & date of manufacture, including batch, run number and/or other identifying characteristics | Information was present. | PASS       |

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**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description            | Location        |
|--------------|---------------------------------|-----------------|
| 1            | Black/ white printed black foam | Stress reliever |

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**DATE CODE PHOTO:**



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**SAMPLE PHOTO:**



-End Report-

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