

#### **Test Report** No.T51710190878TC

Date: FEB 22, 2017

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JIAN PLASTIC & METAL PRODUCTS LTD NO.3-1, SOUTH GAOBU BLVD, GAOBU TOWN, DONGGUAN CITY, GUANGDONG PROVINCE, CHINA, ZIP CODE: 523278

The following samples were submitted and identified by/on behalf of the client as:

MIXTURE SILICONE RAW MATERIAL

| Buyer                  | : | WORLD WIDE                   |
|------------------------|---|------------------------------|
| Manufacturer           | : | CHINA                        |
| Country of Origin      | : | MADE IN CHINA                |
| Country of Destination | : | WORLD WIDE                   |
| Requested Age Grading  | : | 3+                           |
| Sample Receiving Date  | : | FEB 17, 2017                 |
| Testing Period         | : | FEB 17, 2017 TO FEB 22, 2017 |



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| Test Requested |   | Conclusion |  |
|----------------|---|------------|--|
| 1.             | CPSIA section 101 - Total Lead content  |            |  |
|                | CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)  | PASS       |  |
| 2.             | US California Proposition 65 (County of Alameda Court Case No. RG-10-514803 [Consolidated with Case No. RG 10-545680 and RG 10-545687]) – Cadmium Content | PASS       |  |
|                | Client's Requirement – Cadmium Content  | PASS       |  |
| 3.             | Client's Requirement – Phthalates Content   | PASS       |  |

\*\*\*\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*\*\*

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Testing Center

Feng Shaohong, Jessica Lab Manager



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#### **Results:**

### 1. CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

| Test Item(s)              |              |                | Lead (Pb)          |  |
|---------------------------|--------------|----------------|--------------------|--|
| Permissible Limit **(ppm) |              |                | 100                |  |
| Specimen Description      | Alias<br>No. | Tracing<br>No. | Result(s)<br>(ppm) |  |
| 1. White silicone rubber  | 1            | 1              | ND                 |  |

\*\* Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

Note: - ppm = parts per million

- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 10 ppm
- 1% = 10000 mg/kg = 10000 ppm

### 2. US California Proposition 65 - Cadmium Content

### Method: Acid Digestion

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

| Test Item(s)             |              |                | Cadmium (Cd)    |  |
|--------------------------|--------------|----------------|-----------------|--|
| Specimen Description     | Alias<br>No. | Tracing<br>No. | Result(s) (ppm) |  |
| 1. White silicone rubber | 2            | 1              | ND              |  |

Note: - ppm = parts per million

- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 5 ppm



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# Summary of permissible limits of Cadmium requirement(s):

| Requirement(s)   | Permissible<br>Limit of<br>Cadmium<br>(ppm) | Effective Date |
|--|---|----------------|
| California Proposition 65 (County of Alameda Court Case No. RG-10-514803 [Consolidated with Case No. RG 10-545680 and RG 10-545687]) | 300   | Current        |
| Client's Limit   | 75  | Current        |

## 3. Phthalates Content

Method: With reference to CPSC-CH-C1001-09.3 Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

| Test Item(s)                        | CAS No.                  | Result(s) (%) |         | Client's<br>Limit (%) |
|-------------------------------------|--------------------------|---------------|---------|-----------------------|
| Specimen No.                        |                          | 1             | MDL (%) |                       |
| Alias No.                           |                          | 3             |         |                       |
| Tracing No.                         |                          | 1             |         |                       |
| Dibutyl Phthalate (DBP)             | 84-74-2                  | ND            | 0.003   | 0.1                   |
| Benzylbutyl Phthalate (BBP)         | 85-68-7                  | ND            | 0.003   | 0.1                   |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7                 | ND            | 0.003   | 0.1                   |
| Diisononyl Phthalate (DINP)         | 28553-12-0<br>68515-48-0 | ND            | 0.010   | 0.1                   |
| Di-n-octyl Phthalate (DNOP)         | 117-84-0                 | ND            | 0.003   | 0.1                   |
| Diisodecyl Phthalate (DIDP)         | 26761-40-0<br>68515-49-1 | ND            | 0.010   | 0.1                   |
| Di-n-Hexyl phthalate (DHP/DnHP)     | 84-75-3                  | ND            | 0.003   | 0.1                   |

## Specimen Description:

- 1. White silicone rubber
- Note: MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - % = percentage by weight



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Sample Photo:



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\*\*\* End of Report \*\*\*



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