



Test Report

No. F690101/LF-CTSAYHA16-01031

Issued Date : 2016. 02. 15

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MINSEO CO., LTD.

C-309 Triplaon, 158 Haneulmaeul-ro
Ilsandong-gu, Goyang-si, Gyeonggi-do
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No. : AYHA16-01031
Sample Description : FLAKE (GLITTER)
Style no./Item no. : FK SERIES
Order No. : -
Buyer : -
Manufacturer : MINSEO CO., LTD.
Country of Origin : KOREA
Country of Destination : -
Received Date : 2016. 02. 03
Test Period : 2016. 02. 03 to 2016. 02. 15
Test Method : For further details, please refer to following page (s)
Test Results : For further details, please refer to following page (s)
Test Requested : For compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA):-
1) Lead in accessible substrate materials
2) Phthalates

Result Summary :

| <u>Item</u> | <u>Test Parameter</u> | <u>Conclusion</u> |
|-------------|--|-------------------|
| 3 | CPSIA section 101(a)(2) – Lead in accessible substrate materials | PASS |
| 4 | CPSIA section 108 - Phthalates | PASS |

Remark : Test results in this report are applicable for the item tested and reflects the tested sample as received.

SGS Korea Co., Ltd

Jeff Jang / Chemical Lab Mgr

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Result(s)

1) Lead in accessible substrate materials

Method (non-metallic materials): CPSC Test Method: CPSC-CH-E1002-08.1. Analysis was performed by ICP-OES.

| Test Items | MDL | Result(s) | Permissible Limit |
|-------------------|--------|-------------|-------------------|
| | | <u>1</u> | |
| Lead (Pb) | 0.002% | ND | 0.01 % |
| Conclusion | - | PASS | - |

- Note: (1) ND = not detected (< MDL)
 (2) MDL = Method Detection Limit
 (3) % = percentage by weight

2) Phthalates

Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by GC-MS.

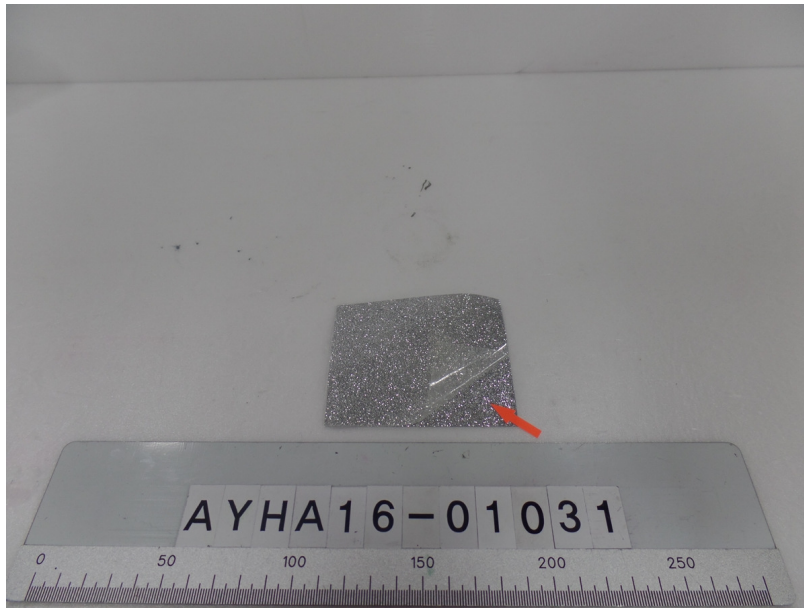
Concentration of phthalates in components of toy that can be placed in the mouth or childcare article

| Test item | CAS No. | MDL | Result(s) | Permissible Limit |
|-------------------------------------|-------------------------|---------|-------------|-------------------|
| | | | <u>1</u> | |
| Dibutyl Phthalate (DBP) | 84-74-2 | 0.005 % | ND | 0.1 % |
| Benzylbutyl Phthalate (BBP) | 85-68-7 | 0.005 % | ND | 0.1 % |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7 | 0.005 % | ND | 0.1 % |
| Diisononyl Phthalate (DINP) | 28553-12-0 / 68515-48-0 | 0.005 % | ND | 0.1 % |
| Di-n-octyl Phthalate (DNOP) | 117-84-0 | 0.005 % | ND | 0.1 % |
| Diisodecyl Phthalate (DIDP) | 26761-40-0 / 68515-49-1 | 0.005 % | ND | 0.1 % |
| Conclusion | - | - | PASS | - |

- Note: (1) ND = not detected (< MDL)
 (2) MDL = Method Detection Limit
 (3) % = percentage by weight
 (4) 1% = 10000ppm (mg/kg)

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Picture of Sample as Received :



*** End of Report ***

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