

EN71 CERTIFICATE

Sunmicrotek and 3rd party(SGS) provide the certification of compliance below;

| Certificate No. | Product Description | Issued Date |
|--|--|--------------|
| F690101/LF-CTSAYHA20-12778 SGS File No.AYHA20-12778 | Heat Transfer Vinyl LIGHT SENSITIVE PU(SLS) | 2020. 10. 07 |

| Test Requested | Conclusion |
|--|------------|
| EN71-3:2013 + A3:2018 - Migration of certain elements (By all conclusive testing) | PASS |

Manufacturer

SUNMICROTEK CO., LTD.
#1107 Gayang techno town
217 Heojun-ro, Seoul
Korea

Approved 3rd Party Test Laboratory

322, The O valley, 76, LS-ro, Dongan-gu, Anyang-si,
Gyeonggi-do, Korea 14117
SGS Korea Co., Ltd.
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Certification

| Test Item | Result(mg/kg) |
|-------------------------------|---------------|
| Mass of trace amount (mg) | - |
| Soluble Aluminium (Al) | ND |
| Soluble Antimony (Sb) | ND |
| Soluble Arsenic (As) | ND |
| Soluble Barium (Ba) | ND |
| Soluble Boron (B) | ND |
| Soluble Cadmium (Cd) | ND |
| Soluble Chromium (Cr) | ND |
| Soluble Chromium III (Cr III) | ND |
| Soluble Chromium VI (Cr VI) | ND |
| Soluble Cobalt (Co) | ND |
| Soluble Cooper (Cu) | ND |
| Soluble Lead (Pb) | ND |
| Soluble Manganese (Mn) | ND |
| Soluble Mercury (Hg) | ND |
| Soluble Nickel (Ni) | ND |
| Soluble Selenium (Se) | ND |
| Soluble Strontium (Sr) | ND |
| Soluble Tin (Sn) | ND |

Test Item

| | |
|---------------------|----|
| Soluble Organic Tin | ND |
| Soluble Zinc (Zn) | ND |

Conclusion**PASS****Test Item****Soluble Organic Tin Result(s)
(mg/kg)****MDL(mg/kg)**

| | | |
|-------------------------|----|-----|
| Methyl tin (MeT) | ND | 0.5 |
| Di-n-propyl tin (DProT) | ND | 0.5 |
| Butyl tin (BuT) | ND | 0.5 |
| Tributyl tin (TBT) | ND | 0.5 |
| n-Octyl tin (MOT) | ND | 0.5 |
| Terabutyl tin (TeBT) | ND | 0.5 |
| Diphenyl tin (DPhT) | ND | 0.5 |
| Di-n-octyl tin (DOT) | ND | 0.5 |
| Triphenyl tin(TPhT) | ND | 0.5 |

The logo for SGS, consisting of the letters 'SGS' in a bold, sans-serif font, with a horizontal line underneath the letters.**Records Contact**

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CPSIA CERTIFICATE

Sunmicrotek and 3rd party(SGS) provide the certification of compliance below;
In accordance with section 14(g) of the consumer product safety act, 15 U.S.C §2063(g)

Certificate No.

F690101/LF-CTSAYHA20-12775
SGS File No. AYHA20-12775

Product Description

Heat Transfer Vinyl
LIGHT SENSITIVE PU(SLS)

Valid Date

2020. 10. 07

Test Part

CPSIA section 101(a)(2) – Lead in accessible substrate materials
CPSIA section 108 - Phthalates

Manufacturer

SUNMICROTEK CO., LTD.
#1107 Gayang techno town
217 Heojun-ro, Seoul
Korea

Approved 3rd Party Test Laboratory

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SGS

Certification

| Test Item | CAS No. | Result(s) |
|-------------------------------------|-------------------------|-------------|
| Dibutyl Phthalate (DBP) | 84-74-2 | ND |
| Benzylbutyl Phthalate (BBP) | 85-68-7 | ND |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7 | ND |
| Di-isononyl Phthalate (DINP) | 28553-12-0 / 68515-48-0 | ND |
| Di-cyclohexylphthalate (DCHP) | 84-61-7 | ND |
| Di-n-Hexylphthalate (DnHP) | 84-75-3 | ND |
| Diisobutyl Phthalate (DIBP) | 84-69-5 | ND |
| Di-n-pentylPhthalate (DnPP) | 131-18-0 | ND |
| Conclusion | | PASS |

Records Contact

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Test Report No. F690101/LF-CTSAYHA20-12775

Issued Date: 2020. 10. 07

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SUNMICROTEK CO., LTD.
 1107 Gayang techno town, 1487 Gayang-dong
 Gangseo-gu, Seoul
 Korea

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

| | | |
|--------------------------------|---|---|
| SGS File No. | : | AYHA20-12775 |
| Sample Description | : | SLS |
| Style no./Item no. | : | - |
| Order No. | : | - |
| Manufacturer | : | - |
| Country of Origin | : | - |
| Country of Destination | : | - |
| Received Date | : | 2020. 09. 25 |
| Test Period | : | 2020. 09. 25 to 2020. 10. 07 |
| Test Requested | : | As specified by client, selected parts of the submitted sample(s) for compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA):- 1) Lead in accessible substrate materials 2) Phthalates |
| Test Method and Results | : | For further details, please refer to following page (s) |
| Report Comments | : | The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report is not related to Korea Laboratory Accreditation Scheme. |
| Result Summary | : | |

| <u>Item</u> | <u>Test Parameter</u> | <u>Conclusion</u> |
|-------------|--|-------------------|
| 1 | CPSIA section 101(a)(2) - Lead in accessible substrate materials | PASS |
| 2 | CPSIA Section 108 - Phthalate content | PASS |

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

SGS Korea Co., Ltd.



Tommy Oh / Chemical Lab Mgr

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Test Report

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Results :

1) Lead in accessible substrate materials

Test Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3. Analysis was performed by ICP-OES.

| Test Item | MDL | Result(s) | Permissible Limit |
|-------------------|--------|-------------|-------------------|
| | | <u>1</u> | |
| Lead (Pb) | 0.002% | N. D. | 0.01 % |
| Conclusion | - | PASS | -- |

2) Phthalates

Test Method: With reference to CPSC-CH-C1001-09.4. Analysis was performed by GC-MS.

Concentration of phthalates in components of childcare articles and toy product

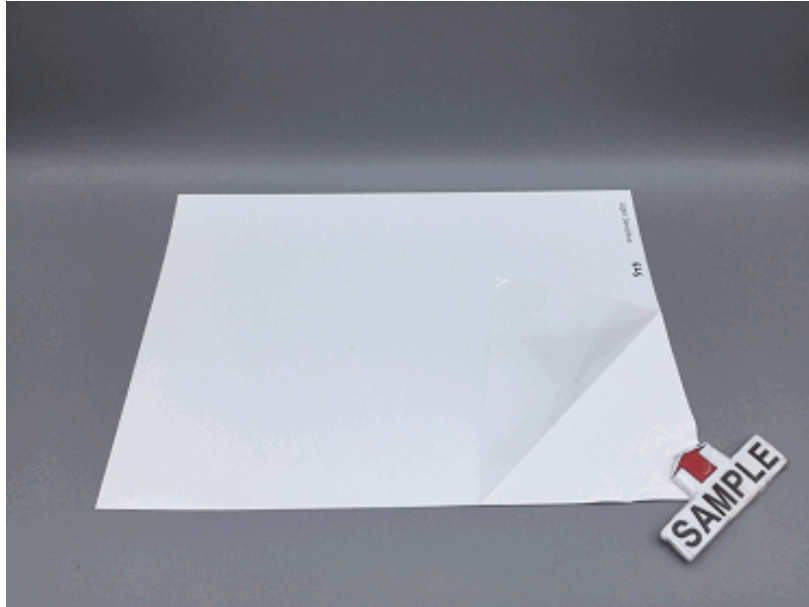
| Test Item(s) | CAS No. | Unit | Result(s) | Permissible Limit per component |
|-------------------------------------|----------------------------|------|-------------|---------------------------------|
| | | | <u>1</u> | |
| Dibutyl Phthalate (DBP) | 84-74-2 | % | N. D. | 0.1 % |
| Benzylbutyl Phthalate (BBP) | 85-68-7 | % | N. D. | 0.1 % |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7 | % | N. D. | 0.1 % |
| Di-isononylphthalate (DINP) | 28553-12-0 / 68515-48-0 | % | N. D. | 0.1 % |
| Di-cyclohexylphthalate (DCHP) | 84-61-7 | % | N. D. | 0.1 % |
| Di-n-Hexylphthalate (DnHP) | 84-75-3 | % | N. D. | 0.1 % |
| Diisobutyl phthalate (DIBP) | 84-69-5 | % | N. D. | 0.1 % |
| Di-n-pentylphthalate (DnPP) | 131-18-0 | % | N. D. | 0.1 % |
| Conclusion | | -- | PASS | -- |

Sample Description :

1. White sheet

- Note:
1. N. D. = Not Detected (lower than Detection Limit)
 2. 1 % = percentage by weight
 3. 1 % = 10000 ppm (mg/kg)
 4. Detection Limit for each phthalate = 0.015 %

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Picture of Sample as Received :**AYHA20-12775**

*** End of Report ***

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