

# ANHUI YANGZI FLOORING INCORPRATED COMPANY

Technical Report: Date Received: (8822)108-0172 Apr 18, 2022 May 6, 2022 Page 1 of 5

ANHUI YANGZI FLOORING INCORPRATED COMPANY NO.98 WEST GARDEN ROAD, CHUZHOU, ANHUI, CHINA

| Sample Description:    | XPF(EXTREME PERFORMANCE | E FLOORING)         |             |
|------------------------|-------------------------|---------------------|-------------|
| Vendor:                | N/A                     | Sample Size:        | 2           |
| Manufacturer:          | ANHUI YANGZI FLOORING   | Style No(s):        | NOT PROVIDE |
|                        | INCORPRATED COMPANY     |                     | •           |
| Labeled Age Grade:     | NOT RECORD              | SKN/SKU No.:        | NOT PROVIDE |
| Appropriate Age Grade: | NOT REQUESTED           | PO No.:             | NOT PROVIDE |
| Client Specified Age   | NOT SPECIFIED           | Ref #:              | NOT PROVIDE |
| Grade:                 |                         |                     |             |
| Tested Age Grade:      | N/A                     | Country of Origin:  | NOT PROVIDE |
| UPC Code:              | N/A                     | Assortment No.:     | NOT PROVIDE |
| Test Starting Date:    | APR 18, 2022            | Test Finished Date: | MAY 6, 2022 |
|                        | <u></u>                 |                     |             |
|                        |                         |                     |             |

#### **EXECUTIVE SUMMARY:**

| Test Requested   | Conclusion |
|--|------------|
| Migration of Certain Elements in Category III - Scraped off toy material requirements of the | DACC       |
| European Standard, "Safety of toys", EN 71-3:2019+A1:2021.                                   | PASS       |

#### RT/Daisy Cai REMARK

If there are questions or concerns on this report, please contact the following persons:Report Enquiry:(86) 0769 89952999 Ext. 8175CPSAnalytical.DG@bureauveritas.comBusiness Contact:(86) 0769 85893595This report shall not be reproduced except in full, without the written approval of our laboratory.

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# Tested Component(s) Description List:

| Test Item(s) | Item / Component Description(s) | Location(s)                  | Style(s) |  |  |
|--------------|---------------------------------|------------------------------|----------|--|--|
| 1001         | Transparent coating             | Fransparent coating Surface  |          |  |  |
| 1002         | Red/white/grey polymer          | Extreme performance flooring | -        |  |  |



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## **RESULTS:**

## Migration of Certain Elements, EN 71-3:2019+A1:2021

Test Method: European Standard EN 71-3:2019+A1:2021 Section 8.

Class: Category III - Scraped off toy material

| P                     |              |                |      |    |   |   |
|-----------------------|--------------|----------------|------|----|---|---|
|                       | Requirement  | Result (mg/kg) |      |    |   |   |
| Analyte               | (mg/kg)      | Test Item(s)   |      |    |   |   |
|                       | Category III | 1001           | 1002 | -  | - | - |
| Aluminium (Al)        | 28130        | 200            | 550  | -  | - | - |
| Arsenic (As)          | 47           | ND             | ND   | -  | - | - |
| Boron (B)             | 15000        | 8              | 120  |    | - | - |
| Barium (Ba)           | 18750        | 35             | 89   | -  | - | - |
| Cadmium (Cd)          | 17           | ND             | ND   | -  | - | - |
| Cobalt (Co)           | 130          | ND             | ND   | -  | - | - |
| Chromium III (Cr III) | 460          | 1.19           | 0.66 | f  | - | - |
| Chromium VI (Cr VI)   | 0.053        | ND#            | ND#  | ₽. | - | - |
| Copper (Cu)           | 7700         | 11             | 410  |    | - | - |
| Mercury (Hg)          | 94           | ND             | ND   | -  | - | - |
| Manganese (Mn)        | 15000        | 6              | 4    | -  | - | - |
| Nickel (Ni)           | 930          | ND             | ND   | -  | - | - |
| Lead (Pb)             | 23           | 9              | 7    | -  | - | - |
| Antimony (Sb)         | 560          | ND             | ND   | -  | - | - |
| Selenium (Se)         | 460          | ND             | ND   | -  | - | - |
| Tin (Sn)              | 180000       | ND             | 18   | -  | - | - |
| Organic tin           | 12           | ND             | ND#  | -  | - | - |
| Strontium (Sr)        | 56000        | 5              | 15   | -  | - | - |
| Zinc (Zn)             | 46000        | 13             | 5    | -  | - | - |
| Mass of trace amo     | ount (gram)  | 0.0470         | -    | -  | - | - |
| Conclusi              | on           | PASS           | PASS | -  | - | - |



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#### **RESULTS:**

mg/kg = milligrams per kilogram (ppm=parts per million)

Organic tin = migration of total organic tin is expressed as tributyltin cation content in mg/kg

# = Verified results (see note)

ND = Not detected

Detection Limit (mg/kg):

For Type III - AI : 2 ; Sb : 2 ; As : 2 ; Ba : 2 ; B : 2 ; Cd : 2 ; Cr III : 0.15 ; Cr VI : 0.025 ; Co : 2 ; Cu : 2 ; Pb : 2 ; Mn : 2 ; Hg : 2 ; Ni : 2 ; Se : 2 ; Sr : 2 ; Sn : 2 ; Organic tin : 2 ; Zn : 2

Remark:

- Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
- Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.
- -The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.

#### Note:

If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method

- Chromium VI: EN 71-3:2019+A1:2021, Annex F by Ion-chromatography with ICP-MS detector analysis.
- Organic tin: EN 71-3:2019+A1:2021, Annex G by Gas Chromatography-Mass Spectroscopy analysis.



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**RESULTS:** 



END OF REPORT