

HPD UNIQUE IDENTIFIER: 26744

CLASSIFICATION: 09 50 00 Ceilings

PRODUCT DESCRIPTION: TURF 5mm PET Acoustic Panel by Armstrong is a 5mm PET acoustical panel made from recycled content. This panel can be compression molded into predetermined patterns and shapes.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|   |  |   |  |
|---|--|---|--|
| <b>Inventory Reporting Format</b>             | <b>Threshold Level</b>                   | <b>Residuals/Impurities</b>                                   | <i>All Substances Above the Threshold Indicated Are:</i>   |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> Considered                   | <b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm          | <input type="radio"/> Partially Considered                    | <i>% weight and role provided for all substances.</i>  |
| <b>Threshold Disclosed Per</b>                | <input type="radio"/> Per GHS SDS        | <input type="radio"/> Not Considered                          | <b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                | <input type="radio"/> Other              | <b>Explanation(s) provided for Residuals/Impurities?</b>      | <i>All substances screened using Priority Hazard Lists with results disclosed.</i>                                 |
| <input checked="" type="radio"/> Product      |  | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Identified</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No    |
|   |  |   | <i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>                                      |

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**

**TURF 5MM PET ACOUSTIC PANEL BY ARMSTRONG [ BICOMPONENT POLYMER FIBER NoGS RECYCLED POLYETHYLENE TEREPHTHALATE (PET) LT-UNK 1,3-BENZENEDICARBOXYLIC ACID LT-UNK CARBON BLACK BM-1 | CAN DIETHYLENE GLYCOL LT-P1 | END WHITE TINT LT-1 | CAN | END ]**

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals / impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100ppm.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario  
Other: ILFI Declare - Red List Free

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

|   |   |   |
|---|---|---|
| Third Party Verified?<br><input type="radio"/> Yes<br><input checked="" type="radio"/> No | PREPARER: Self-Prepared<br>VERIFIER:<br>VERIFICATION #: | SCREENING DATE: 2021-12-13<br>PUBLISHED DATE: 2021-12-13<br>EXPIRY DATE: 2024-12-13 |
|---|---|---|

## Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### TURF 5MM PET ACOUSTIC PANEL BY ARMSTRONG

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals / impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100ppm.

OTHER PRODUCT NOTES: This HPD is provided solely for the intended recipient in connection with its assessment of products and for no other purpose. In providing information, AWI expresses no opinion and makes no representations as to the applicability, suitability, accuracy or completeness of the declaration form, or the standards, rules, classifications, warnings or criteria utilized or referenced therein. Information provided herein is qualified in the entirety by reference to the applicable product Safety Data Sheet (SDS) which can be located at [www.armstrongceilings.com](http://www.armstrongceilings.com), as well as by the additional ingredient information provided for specified substances. Please refer to the Armstrong Commercial Ceilings website for more information on this product.

#### BICOMPONENT POLYMER FIBER

ID: 80595-68-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-12-13 12:37:21

#: 0.0000 - 55.0000 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Binder

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Binder

#### RECYCLED POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-12-13 12:37:21

#: 0.0000 - 55.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Structure Component

#### 1,3-BENZENEDICARBOXYLIC ACID

ID: 121-91-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-12-13 12:37:22

#: 0.0000 - 2.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Intermediate

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES:

#### CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-12-13 12:37:22

%: 0.0000 - 2.0000

GS: BM-1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Pigment

| HAZARD TYPE | AGENCY AND LIST TITLES            | WARNINGS   |
|-------------|-----------------------------------|--|
| CAN         | US CDC - Occupational Carcinogens | Occupational Carcinogen  |
| CAN         | MAK                               | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| CAN         | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route                                     |
| CAN         | IARC                              | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources               |

SUBSTANCE NOTES:

**DIETHYLENE GLYCOL**

ID: 111-46-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-12-13 12:37:23

%: 0.0000 - 2.0000

GS: LT-P1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Solvent

| HAZARD TYPE | AGENCY AND LIST TITLES                | WARNINGS                      |
|-------------|---------------------------------------|-------------------------------|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |

SUBSTANCE NOTES:

**WHITE TINT**

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-12-13 12:37:23

%: 0.0000 - 2.0000

GS: LT-1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Pigment

| HAZARD TYPE | AGENCY AND LIST TITLES                    | WARNINGS   |
|-------------|---|--|
| CAN         | US CDC - Occupational Carcinogens         | Occupational Carcinogen  |
| CAN         | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route   |
| CAN         | IARC                                      | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources                       |
| CAN         | MAK                                       | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| END         | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor  |
| CAN         | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                     |
| CAN         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                    |

SUBSTANCE NOTES: Titanium Dioxide is bound within the fiber structure and is not inhalable. Accordingly, it is excluded from regulatory hazard lists. It is not in a respirable form in the final product.

## Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

### VOC EMISSIONS

### CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: Third Party

ISSUE DATE: 2021-04-27

EXPIRY DATE:

CERTIFIER OR LAB: Intertek

APPLICABLE FACILITIES: N/A

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

### OTHER

### ILFI Declare - Red List Free

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2021-06-01

EXPIRY DATE:

CERTIFIER OR LAB: ILFI

APPLICABLE FACILITIES: N/A

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

## Section 5: General Notes

This HPD is provided solely for the intended recipient in connection with its assessment of products and for no other purpose. In providing information, AWI expresses no opinion and makes no representations as to the applicability, suitability, accuracy or completeness of the declaration form, or the standards, rules, classifications, warnings or criteria utilized or referenced therein. Information provided herein is qualified in the entirety by reference to the applicable product Safety Data Sheet (SDS) which can be located at [www.armstrongceilings.com](http://www.armstrongceilings.com), as well as by the additional ingredient information provided for specified substances. Please refer to the Armstrong Commercial Ceilings website for more information on this product.

**MANUFACTURER INFORMATION**

MANUFACTURER: **Armstrong World Industries**  
 ADDRESS: **2500 Columbia Ave**  
**Lancaster PA 17603, USA**  
 WEBSITE: <https://turf.design/>

CONTACT NAME: **Kelsey Herring**  
 TITLE: **Sustainability**  
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*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

|                                       |   |  |
|---------------------------------------|---|--|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |  |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |  |

**GreenScreen (GS)**

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)   |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>NoGS</b> No GreenScreen.  |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |  |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      |  |

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Inventory Methods:**

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material  
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product  
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology  
**Third Party Verified** Verification by independent certifier approved by HPDC  
**Preparer** Third party preparer, if not self-prepared by manufacturer  
**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*