

CLASSIFICATION: 09 65 00

PRODUCT DESCRIPTION: Our luxury vinyl tile creates stunning floors that are meticulously designed to look like hardwood or stone, and built to endure the busiest lifestyles.

## Section 1: Summary

## Basic Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold Disclosed Per

- Material  
 Product

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided  
for Residuals/Impurities?

- Yes  No

All Substances Above the Threshold Indicated Are:

**Characterized**  Yes Ex/SC  Yes  No

% weight and role provided for all substances.

**Screened**  Yes Ex/SC  Yes  No

All substances screened using Priority Hazard Lists with results disclosed.

**Identified**  Yes Ex/SC  Yes  No

All substances disclosed by Name (Specific or Generic) and Identifier.

### 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**

**LUXURY VINYL TILE (LVT) - COMMERCIAL [ CALCIUM CARBONATE LT-UNK POLYVINYL CHLORIDE LT-P1 | RES DI(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg CALCIUM HYDROXIDE (CA(OH)2) LT-P1 PHOSPHORIC ACID, CALCIUM SALT LT-UNK ]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1  
Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

Residuals/impurities are quantitatively measured and are displayed in the HPD when greater than 1000 ppm.

### 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: FloorScore®  
LCA: Environmental Product Declarations

#### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2020-04-22

PUBLISHED DATE: 2020-04-22

EXPIRY DATE: 2023-04-22



## 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### LUXURY VINYL TILE (LVT) - COMMERCIAL

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals/impurities are quantitatively measured and are displayed in the HPD when greater than 1000 ppm.

OTHER PRODUCT NOTES: For more information on this product visit: <https://www.armstrongflooring.com/commercial/en-us/products/lvt-luxury-flooring.html>

#### CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-22

#: 55.00 - 60.00

GS: LT-UNK

RC: None

NANO: Unknown

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Limestone filler

#### POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-22

#: 25.00 - 35.00

GS: LT-P1

RC: None

NANO: No

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagen

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Binder component

#### DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-22

#: 5.00 - 8.00

GS: BM-3dg

RC: None

NANO: No

ROLE: Plasticizer

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

SUBSTANCE NOTES: Binder component

### CALCIUM HYDROXIDE (CA(OH)2)

ID: 1305-62-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-04-22		
%: 1.00 - 2.00	GS: LT-P1	RC: None	NANO: No	ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Binder component

### PHOSPHORIC ACID, CALCIUM SALT

ID: 10103-46-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-04-22		
%: 0.10 - 0.50	GS: LT-UNK	RC: None	NANO: No	ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Binder component

## 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

### FloorScore®

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2020-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **SCS Global**

APPLICABLE FACILITIES: **All Manufacturing Facilities**

**08-31**

**09-10**

**Services**

CERTIFICATE URL:

<https://www.armstrongflooring.com/pdbupimages-flr/220525.pdf>

CERTIFICATION AND COMPLIANCE NOTES:

### LCA

### Environmental Product Declarations

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2024-**

CERTIFIER OR LAB: **ASTM**

APPLICABLE FACILITIES: **No Facilities**

**12-21**

**12-21**

**International**

CERTIFICATE URL:

<https://www.armstrongflooring.com/pdbupimages-flr/220754.pdf>

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.*

### ADHESIVES RECOMMENDED FOR INSTALLATION

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Full-Spread Adhesives: S-288 Premium, S-240 Epoxy, S-310 Roll Strong™, S-543 High-Moisture See [www.armstrongflooring.com](http://www.armstrongflooring.com) for more information.

## 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 Armstrong Flooring 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 herein is qualified in the entirety by reference to the applicable product Safety Data Sheet (SDS) which can be located at [www.armstrongflooring.com](http://www.armstrongflooring.com) as well as by the additional ingredient information provided for specified substances. Please refer to the Armstrong Flooring website for more information on this product.



## MANUFACTURER INFORMATION

MANUFACTURER: **Armstrong Flooring, Inc.**  
 ADDRESS: **2500 Columbia Ave**  
**Lancaster Pennsylvania 17604, United States of**  
**America**  
 WEBSITE: **www.armstrongflooring.com**

CONTACT NAME: **TechLine**  
 TITLE: **Customer Service**  
 PHONE: **1-888-276-7876**  
 EMAIL: **fpotechline@armstrongflooring.com**

## KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet  
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Hazard Types

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<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>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### Recycled Types

**PreC** Preconsumer (Post-Industrial)  
**PostC** Postconsumer  
**Both** Both Preconsumer and Postconsumer  
**Unk** Inclusion of recycled content is unknown  
**None** Does not include recycled content

### Other Terms

#### 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.*