**Classification:** 09 65 00  

**Product Description:** Excelon SDT static dissipative tile is a complete flooring solution designed to control static in most non-explosive manufacturing and working areas. Excelon SDT is recommended for computer training rooms, data warehousing, electronic testing labs, manufacturing facilities, and hyperbaric spaces in healthcare settings. Its durable and versatile construction ensures lasting beauty in high-traffic areas and it’s easy to maintain using standard maintenance protocols.

### Section 1: Summary

**Basic Method / Product Threshold**

**Inventory Inventory**

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Disclosed Per</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
<td>Considered</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
<td>Partially Considered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not Considered</td>
</tr>
</tbody>
</table>

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**

- EXCELON® SDT™ - STATIC DISSIPATIVE TILE
  - Calcium Carbonate
  - Polyvinyl Chloride
  - Acetate Copolymers
  - Vinyl Chloride-Vinylacetate
  - 1,2-Propanediol
  - Dibenzoate
  - Ethanol
  - Benzyl Alcohol
  - Toluene
  - Ethyl Alcohol
  - Benzene
  - TCE

**Volatile Organic Compound (VOC) Content**

VOC Content data is not applicable for this product category.

**Certifications and Compliance**

- VOC emissions: FloorScore
- Pre-checked for LEED v4 Material Ingredients, Option 1

**Inventories and Screening Notes:**

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

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

**INVENTORIES AND SCREENING NOTES:**

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

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

**Inventory and Screening Notes:**

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

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

**Inventories and Screening Notes:**

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

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

**Inventory and Screening Notes:**

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

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

EXCELON® SDT™ - STATIC DISSIPATIVE TILE

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.


CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-03

%: 80.00 - 85.00

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 binder

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-03

%: 5.00 - 7.00

GS: LT-P1

RC: None

NANO: Unknown

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Binder component

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: 9003-22-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-03

%: 5.00 - 7.00

GS: LT-UNK

RC: None

NANO: Unknown

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SUBSTANCE NOTES: 

HPD v2.1.1 created via HPDC Builder Page 2 of 7
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI(2-ETHYLHEXYL) TEREPTHALATE</td>
<td>6422-86-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-04-03</td>
<td>2.00 - 3.00</td>
<td>BM-3dg</td>
<td>None</td>
<td>Unknown</td>
<td>Plasticizer</td>
</tr>
<tr>
<td>1,2-PROPANEDIOL, DIBENZOATE</td>
<td>19224-26-1</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-04-03</td>
<td>1.00 - 3.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>Unknown</td>
<td>Plasticizer</td>
</tr>
<tr>
<td>ETHANOL, 2,2'-OXYBIS-, DIBENZOATE</td>
<td>120-55-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-04-03</td>
<td>1.00 - 3.00</td>
<td>LT-P1</td>
<td>None</td>
<td>Unknown</td>
<td>Plasticizer</td>
</tr>
<tr>
<td>QUATERNARY AMMONIUM COMPOUNDS, ETHYLDIMETHYLSOYA ALKYL, ET SULFATES</td>
<td>68308-67-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-04-03</td>
<td>0.50 - 1.00</td>
<td>LT-P1</td>
<td>None</td>
<td>Unknown</td>
<td>Electrostatic Dissipator</td>
</tr>
</tbody>
</table>

**EXCELON SDT - Static Dissipative Tile**

hpdrepository.hpd-collaborative.org

HPD v2.1.1 created via HPDC Builder Page 3 of 7
### Titanium Dioxide

**ID:** 13463-67-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-04-03  
**%:** 0.50 - 1.00  
**GS:** LT-1  
**RC:** None  
**NANO:** Unknown  
**ROLE:** Pigments

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Titanium dioxide is listed as a hazard in respirable form. Titanium dioxide is not in a respirable form in the final product.

### Benzoic Acid, Zinc Salt

**ID:** 553-72-0  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-04-03  
**%:** 0.25 - 0.50  
**GS:** LT-P1  
**RC:** None  
**NANO:** Unknown  
**ROLE:** Stabilizer

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Binder component

### Calcium Hydroxide (Ca(OH)2)

**ID:** 1305-62-0  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-04-03  
**%:** 0.25 - 0.50  
**GS:** LT-P1  
**RC:** None  
**NANO:** Unknown  
**ROLE:** Stabilizer

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Binder stabilizer

### 1,2-BENZENECARBOXYLIC ACID, BIS(2-PROPYLHEPTYL) ESTER

**ID:** 53306-54-0

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-04-03

**%:** 0.10 - 0.50

**GS:** BM-U

**GS:** BM-U

**RC:** None

**NANO:** Unknown

**ROLE:** Plasticizer

**HAZARD TYPE**

<table>
<thead>
<tr>
<th>CANCER</th>
<th>MAK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WARNINGS**

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

**SUBSTANCE NOTES:** Plasticizer 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**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Scientific Certification Systems (SCS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE:</td>
<td>2019-09-01</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2020-08-31</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>SCS</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Kankakee, IL</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://www.scsglobalservices.com/certified-green-products-guide?pd_pid=38565">https://www.scsglobalservices.com/certified-green-products-guide?pd_pid=38565</a></td>
</tr>
</tbody>
</table>

**Certification and Compliance Notes:**

**LCA**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE:</td>
<td>2019-01-01</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2024-01-01</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>No Lab</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>No Facilities</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://www.armstrongflooring.com/pdbupimages-flr/219531.pdf">https://www.armstrongflooring.com/pdbupimages-flr/219531.pdf</a></td>
</tr>
</tbody>
</table>

**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.

**S-202 STATIC DISSIPATIVE TILE ADHESIVE**

<table>
<thead>
<tr>
<th>HPD URL:</th>
<th>No HPD Available</th>
</tr>
</thead>
</table>

**Condition When Recommended or Required and/or Other Notes:**


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, 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

<table>
<thead>
<tr>
<th>MANUFACTURER:</th>
<th>Armstrong Flooring, Inc.</th>
<th>CONTACT NAME:</th>
<th>TechLine</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS:</td>
<td>2500 Columbia Avenue</td>
<td>TITLE:</td>
<td>Customer Service</td>
</tr>
<tr>
<td></td>
<td>Lancaster PENNSYLVANIA 17603, United States</td>
<td>PHONE:</td>
<td>1-888-276-7876</td>
</tr>
<tr>
<td>WEBSITE:</td>
<td><a href="http://www.armstrongflooring.com">www.armstrongflooring.com</a></td>
<td>EMAIL:</td>
<td><a href="mailto:fpotechline@armstrongflooring.com">fpotechline@armstrongflooring.com</a></td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>AQU</th>
<th>Aquatic toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN</td>
<td>Cancer</td>
</tr>
<tr>
<td>DEV</td>
<td>Developmental toxicity</td>
</tr>
<tr>
<td>END</td>
<td>Endocrine activity</td>
</tr>
<tr>
<td>EYE</td>
<td>Eye irritation/corrosivity</td>
</tr>
<tr>
<td>GEN</td>
<td>Gene mutation</td>
</tr>
</tbody>
</table>

| GLO | Global warming |
| MAM | Mammalian/systemic/organ toxicity |
| MUL | Multiple hazards |
| NEU | Neurotoxicity |
| OZ | Ozone depletion |
| PBT | Persistent Bioaccumulative Toxic |

| PHY | Physical Hazard (reactive) |
| REP | Reproductive toxicity |
| RES | Respiratory sensitization |
| SKI | Skin sensitization/irritation/corrosivity |
| LAN | Land Toxicity |
| NF  | Not found on Priority Hazard Lists |

| GreenScreen (GS) |
| BM-4 Benchmark 4 (prefer-safer chemical) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) |
| BM-2 Benchmark 2 (use but search for safer substitutes) |
| BM-1 Benchmark 1 (avoid - chemical of high concern) |
| BM-U Benchmark Unspecified (insufficient data to benchmark) |

| LT-P1 | List Translator Possible Benchmark 1 |
| LT-1  | List Translator Likely Benchmark 1 |
| LT-UNK| List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| NoGS  | Unknown (no data on List Translator Lists) |

### 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

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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.