**EXCELON® SDT™ - Static Dissipative Tile**
by Armstrong Flooring Inc.

**Health Product Declaration v2.1.1**
created via toxnot.com

**CLASSIFICATION:** 09 65 00

**PRODUCT DESCRIPTION:**

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### Section 1: Summary

#### Basic Method/Product Threshold

**CONTENT INVENTORY**

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Level</th>
<th>Residuals/Impurities</th>
<th>All Substances Above the Threshold Indicated Are:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Considered</td>
<td>Yes Ex/SC</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td>Partially Considered</td>
<td>Yes Ex/SC</td>
</tr>
<tr>
<td></td>
<td>Per GHS SDS</td>
<td>Not Considered</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Per OSHA MSDS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Residuals/Impurities**

- Considered
- Partially Considered
- Not Considered

**Threshold Disclosed Per**

- Material
- Product

**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

**Screened using Priority Hazard Lists with results disclosed**

- Identified
  - Yes Ex/SC
  - Yes
  - No

**Disclosure by Name (Specific or Generic) and identifier**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>LT-UNK</td>
<td>RECYCLED CONTENT NOGS</td>
<td>POLYVINYL CHLORIDE LT-P1 RES</td>
</tr>
</tbody>
</table>

**INVENTORY AND SCREENING NOTES**

- Residuals/impurities are quantitatively measured and are displayed in the HPD when greater than 1000 ppm.
- Nanomaterial: No contents are characterized as a nanomaterial.

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**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

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**CERTIFICATIONS AND COMPLIANCE**

- VOC emissions: FloorScore
- LCA: Environmental Product Declaration

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

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**Third Party Verified?**

- Yes
- No

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**PREPARER:** Self-Prepared

**VERIFIER:**

**VERIFICATION #:**

**SCREENING DATE:** 09/17/2019

**PUBLISHED DATE:** Not published on the HPDC repository

**EXPIRY DATE:** Not published on the HPDC repository

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**EXCELON® SDT™ - Static Dissipative Tile**


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HPD 2.1.1 created via Toxnot
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)

### EXELON® SDT™

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED: Considered</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDUAL/IMPURITIES NOTES: Residuals/impurities are quantitatively measured and are displayed in the HPD when greater than 1000 ppm.</td>
<td></td>
</tr>
<tr>
<td>OTHER PRODUCT NOTES:</td>
<td></td>
</tr>
</tbody>
</table>

#### CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>%: 80-85</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: UNK</th>
<th>ROLE: Filler</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority Lists</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES: Residuals/impurities are quantitatively measured and are displayed in the HPD when greater than 1000 ppm.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### RECYCLED CONTENT

<table>
<thead>
<tr>
<th>%: 30</th>
<th>GS: NoGS</th>
<th>RC: Both</th>
<th>NANO: UNK</th>
<th>ROLE: Filler</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority Lists</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### POLYVINYL CHLORIDE

<table>
<thead>
<tr>
<th>%: 5-7</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: UNK</th>
<th>ROLE: Binder</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carc. 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RES</td>
<td>AOEC - Asthmagens</td>
<td>Rs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

<table>
<thead>
<tr>
<th>%: 5-7</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: UNK</th>
<th>ROLE: Binder</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority Lists</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 12-PROPANEDIOL DIBENZOATE

<table>
<thead>
<tr>
<th>%: 1-3</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: UNK</th>
<th>ROLE: Plasticizer</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
None Found

**DI(2-ETHYLHEXYL) TEREPHTHALATE**  
ID: 6422-86-2  
%: 2-3  
HAZARD TYPE: None Found  
None Found

**ETHANOL 22'-OXYBIS- DIBENZOATE**  
ID: 120-55-8  
%: 1-3  
HAZARD TYPE: None Found  
None Found

**BLENDED DIBENZOATES**  
ID: 21738-31-4  
%: 1-2  
HAZARD TYPE: None Found  
None Found

**QUATERNARY AMMONIUM COMPOUNDS ETHYLDIMETHYLSOYA ALKYL ET SULFATES**  
ID: 68308-67-8  
%: 0.5-1  
HAZARD TYPE: None Found  
None Found

**TITANIUM DIOXIDE**  
ID: 13463-67-7  
%: 0.5-1  
HAZARD TYPE: None Found  
None Found

**12-BENZENEDICARBOXYLIC ACID BIS(2-PROPYLHEPTYL) ESTER**  
ID: 53306-54-0  
%: 0.1-0.5  
HAZARD TYPE: None Found  
None Found
**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: Scientific Certification Systems (SCS)</th>
<th>FloorScore</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE: 08/31/2020</td>
<td></td>
</tr>
<tr>
<td>EXPIRY DATE: 08/31/2020</td>
<td>CERTIFER OR LAB: SCS</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES: Kankakee IL</td>
<td></td>
</tr>
<tr>
<td>CERTIFICATE URL: <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>
<td></td>
</tr>
</tbody>
</table>

**LCA**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY: UL</th>
<th>Environmental Product Declaration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE: 01/01/2024</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td></td>
</tr>
</tbody>
</table>

**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.
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

MANUFACTURER: Armstrong Flooring Inc.
ADDRESS: 2500 Columbia Avenue Lancaster PENNSYLVANIA 17603 United States
CONTACT NAME: TechLine
TITLE: Customer Service
PHONE: 1-888-276-7876
EMAIL: fpotechline@armstrongflooring.com

WEBSITE: www.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

AQU Aquatic toxicity  GLO Global warming  PHY Physical Hazard (reactive)
CAN Cancer  MAM Mammalian/systemic/ organ toxicity  REP Reproductive toxicity
DEV Developmental toxicity  MUL Multiple hazards  RES Respiratory sensitization
END Endocrine activity  NEU Neurotoxicity  SKI Skin sensitization/ Irritation/corrosivity
EYE Eye irritation/corrosivity  OZO Ozone depletion  LAN Land toxicity
GEN Gene mutation  PBT Persistent Bioaccumulative Toxic  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)

List Translator Possible Benchmark 1
List Translator Likely Benchmark 1
List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
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

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

Other Terms

Nano Composed of nanoscale 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 v2.1.1 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.