

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

CLASSIFICATION: 09 65 00

PRODUCT DESCRIPTION:

Health Product Declaration v2.1.1

created via: toxnot.com

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
Screened using Priority Hazard Lists with results disclosed

Identified ☐ Yes Ex/SC ☒ Yes ☐ No
Disclosed by Name (Specific or Generic) and identifier

SC = Special Condition (See Notes)

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** GREENSCREEN SCORE HAZARD TYPE;

CALCIUM CARBONATE LT-UNK ; **RECYCLED CONTENT** NOGS ; **POLYVINYL CHLORIDE** LT-P1 RES | CAN; **VINYL CHLORIDE-VINYL ACETATE COPOLYMERS** LT-UNK ; **12-PROPANEDIOL DIBENZOATE** LT-UNK ; **DI(2-ETHYLHEXYL) TEREPHTHALATE** LT-UNK ; **ETHANOL 22'-OXYBIS- DIBENZOATE** LT-P1 MUL; **BLENDED DIBENZOATES** NOGS ; **QUATERNARY AMMONIUM COMPOUNDS ETHYLDIMETHYLSOYA ALKYL ET SULFATES** LT-P1 MUL; **TITANIUM DIOXIDE** LT-1 END | CAN; **12-BENZENEDICARBOXYLIC ACID BIS(2-PROPYLHEPTYL) ESTER** LT-UNK CAN; **BENZOIC ACID ZINC SALT** LT-P1 MUL; **CALCIUM HYDROXIDE (CA(OH)2)** LT-P1 ;

Number of GreenScreen® BM-4/BM-3 contents: 0

Contents highest concern GreenScreen® Benchmark or List Translator Score: LT - 1

Nanomaterial: No contents are characterized as a nanomaterial

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 Declaration

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- ☐ Yes
☒ No

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



Section 2: Content in Descending Order of Quantity

Basic Method/Product Threshold

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™

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Considered

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

OTHER PRODUCT NOTES:

CALCIUM CARBONATE

ID: 1317-65-3

#: 80-85

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None Found

No warnings found on HPD Priority Lists

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

RECYCLED CONTENT

ID: N/A*

#: 30

GS: NoGS

RC: Both

NANO: UNK

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

POLYVINYL CHLORIDE

ID: 9002-86-2

#: 5-7

GS: LT-P1

RC: None

NANO: UNK

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CAN

MAK

Carc. 4

RES

AOEC - Asthmagens

Rs

SUBSTANCE NOTES:

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: 9003-22-9

#: 5-7

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

12-PROPANEDIOL DIBENZOATE

ID: 19224-26-1

#: 1-3

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Plasticizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

#: 2-3	GS: LT-UNK	RC: None	NANO: UNK	ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			
SUBSTANCE NOTES:				

ETHANOL 22'-OXYBIS- DIBENZOATE

ID: 120-55-8

#: 1-3	GS: LT-P1	RC: None	NANO: UNK	ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances		2	
	Hazardous to Waters			
SUBSTANCE NOTES:				

BLENDED DIBENZOATES

ID: 21738-31-4

#: 1-2	GS: NoGS	RC: None	NANO: UNK	ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			
SUBSTANCE NOTES:				

QUATERNARY AMMONIUM COMPOUNDS ETHYLDIMETHYLSOYA ALKYL ET SULFATES

ID: 68308-67-8

#: 0.5-1	GS: LT-P1	RC: None	NANO: UNK	ROLE: Electrostatic Dissipator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances		3	
	Hazardous to Waters			
SUBSTANCE NOTES:				

TITANIUM DIOXIDE

ID: 13463-67-7

#: 0.5-1	GS: LT-1	RC: None	NANO: UNK	ROLE: Pigments
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	CA EPA - Prop 65		cancer	
CAN	IARC		2B	
CAN	MAK		Carc. 4	
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen	
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	

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

12-BENZENEDICARBOXYLIC ACID BIS(2-PROPYLHEPTYL) ESTER

ID: 53306-54-0

%: 0.1-0.5	GS: LT-UNK	RC: None	NANO: UNK	ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK		Carc. 3B	
SUBSTANCE NOTES:				

BENZOIC ACID ZINC SALT

ID: 553-72-0

%: 0.25-0.5	GS: LT-P1	RC: None	NANO: UNK	ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances		2	
Hazardous to Waters				
SUBSTANCE NOTES:				

CALCIUM HYDROXIDE (CA(OH)₂)

ID: 1305-62-0

%: 0.25-0.5	GS: LT-P1	RC: None	NANO: UNK	ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			
SUBSTANCE NOTES:				



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: Scientific Certification Systems (SCS)
EXPIRY DATE: 08/31/2020
APPLICABLE FACILITIES: Kankakee IL
CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-products-guide?pd_pid=38565
CERTIFICATE AND COMPLIANCE NOTES:

ISSUE DATE: 09/01/2019
CERTIFIER OR LAB: SCS

LCA**Environmental Product Declaration**

CERTIFYING PARTY: UL
EXPIRY DATE: 01/01/2024
APPLICABLE FACILITIES:
CERTIFICATE URL: <https://www.armstrongflooring.com/pdbupimages-flr/219531.pdf>
CERTIFICATE AND COMPLIANCE NOTES:

ISSUE DATE: 01/01/2019
CERTIFIER OR LAB:



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.

EXCELON® SDT™ - Static Dissipative Tile
<https://www.armstrongflooring.com/commercial/en-us/sustainability/product-certifications.html>

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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

S-202 Static Dissipative Tile adhesive is required for installation



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.



Section 6: References

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)	LT-P1	List Translator Possible Benchmark 1
BM-3	Benchmark-3 (use but still opportunity for improvement)	LT-1	List Translator Likely Benchmark 1
BM-2	Benchmark-2 (use but search for safer substitutes)	LT-UNK	List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1	Benchmark-1 (avoid – chemical of high concern)		
BM-U	Benchmark Unspecified (insufficient data 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 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.

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<https://www.armstrongflooring.com/commercial/en-us/sustainability/product-certifications.html>

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