

Rejuvenations™ with Diamond 10® Technology coating
- Heterogeneous Sheet Vinyl
by Armstrong Flooring Inc.

CLASSIFICATION: 09 65 00

PRODUCT DESCRIPTION: CONSISTING OF THREE UNIQUE COLLECTIONS TIMBERLINE® STONERUN™ AND AMBIGU™

REJUVENATIONS™ WITH DIAMOND 10® TECHNOLOGY COATING FEATURES REALISTIC NATURE-INSPIRED VISUALS AND TIMELESS TEXTURES.

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; **POLYVINYL CHLORIDE** LT-P1 CAN | RES; **DI(2-ETHYLHEXYL) TEREPHTHALATE** LT-UNK; **FUMED SILICA** LT-UNK; **CALCIUM HYDROXIDE (CA(OH)2)** LT-P1; **SOYBEAN OIL EPOXIDIZED** LT-P1; **TITANIUM DIOXIDE** LT-1 CAN | END; **COLORING PIGMENTS** NOGS; **POLY(OXY(METHYL-12-ETHANEDIYL)) A-HYDRO-O-HYDROXY-** LT-UNK;

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®

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- ☐ Yes
☒ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE:

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
- Basic 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

REJUVENATIONS™ WITH DIAMOND 10® TECHNOLOGY COATING

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 (Limestone)

ID: 1317-65-3

%: 40-45

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:

POLYVINYL CHLORIDE

ID: 9002-86-2

%: 40-45

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:

DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 10-15

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:

FUMED SILICA

ID: 99439-28-8

%: 2-3

GS: LT-UNK

RC: None

NANO: UNK

ROLE: Stabilizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES:

CALCIUM HYDROXIDE (CA(OH)2)

ID: 1305-62-0

%: 1-2

GS: LT-P1

RC: None

NANO: UNK

ROLE: Stabilizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None Found
SUBSTANCE NOTES:

No warnings found on HPD Priority Lists

SOYBEAN OIL EPOXIDIZED

ID: 8013-07-8

%: 1-2	GS: LT-P1	RC: None	NANO: UNK	ROLE: Plastizier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None Found	No warnings found on HPD Priority Lists			
SUBSTANCE NOTES:				

TITANIUM DIOXIDE

ID: 13463-67-7

%: 1-2	GS: LT-1	RC: None	NANO: UNK	ROLE: Pigment
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.				

COLORED PIGMENTS

ID: NO RN

%: < 1	GS: NoGS	RC: None	NANO: UNK	ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None Found	No warnings found on HPD Priority Lists			
SUBSTANCE NOTES: Pigment composition will vary by pattern.				

POLY[OXY(METHYL-12-ETHANEDIYL)] A-HYDRO-Ω-HYDROXY-

ID: 25322-69-4

%: < 1	GS: LT-UNK	RC: None	NANO: UNK	ROLE: Coating
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: Third Party

ISSUE DATE: September 1 2019

EXPIRY DATE: August 31 2020

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: Wujiang

CERTIFICATE URL: <https://www.armstrongflooring.com/pdbupimages-flr/220312.pdf>

CERTIFICATE 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

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Full-Spread Adhesives: S-599, S-543, Flip® Spray Adhesive, S-240 Epoxy, S-580 Flash Cove Adhesive

Seams: Heat Weld or S-761 Seam Adhesive

See 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 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:

No. 683 Yuexiu Road FOHO New & Hi-Tech Industrial Development Zone
Wujiang Jiang Su Province 215211 People's Republic of China

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

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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Heterogeneous Sheet Vinyl

HPD 2.1.1 created via Toxnot