

CLASSIFICATION: 09 65 19

PRODUCT DESCRIPTION: INTRODUCING ASPECTA® ONE, THE LATEST RANGE OF INNOVATIVE AND EXCITING FLOORING DESIGNS FROM THE SPECIALISTS IN LVT. WITH YEARS OF EXPERIENCE IN THE INDUSTRY, WE'RE COMMITTED TO GROWING AND IMPROVING THE OPTIONS AVAILABLE TO OUR CUSTOMERS. ASPECTA® ONE CONSISTS OF 46 TRENDSETTING PLANKS AND TILES, WITH COLORS TO SUIT EVERY TYPE OF SPACE. OUR RANGE OF EMBOSSES CREATE AUTHENTIC, EYE-CATCHING TEXTURES THAT ENHANCE THE NATURAL DETAILS OF THE DESIGNS. SELECT DESIGNS AND COLORS ARE ALSO AVAILABLE IN ASPECTA® ONE'S PATTERNED FLOORING RANGE. THIS NEW PLANK SIZE (4" X 24" / 101.6MM X 609.6MM) ENABLES YOU TO EXPRESS YOUR CREATIVITY WITH A CHOICE OF FIVE ALLURING STYLES: CHECKER BLOCK, RANDOM STRIPE, WICKET, SINGLE HERRINGBONE, AND TRIPLE HERRINGBONE. ASPECTA® ONE LUXURY VINYL PLANK & TILE IS PHTHALATE-FREE, FORMALDEHYDE-FREE, AND MADE FROM 100% VIRGIN VINYL. WITH A 2.5MM GAUGE, 22MIL WEAR LAYER, AND A URETHANE WITH CERAMIC BEAD FINISH, ASPECTA® ONE IS BACKED BY A 20-YEAR, NON-PRORATED COMMERCIAL WARRANTY AND AN UNPARALLELED 10-YEAR, PRORATED LABOR WARRANTY.

Section 1: Summary

CONTENT INVENTORY

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

- Residuals and impurities considered in 1 of 1 materials
- see Section 2: Material Notes
 - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

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

ASPECTA ONE LUXURY VINYL TILE [CALCIUM CARBONATE **BM-3** POLYVINYL CHLORIDE (PVC) **LT-P1** | RES BIS(2-ETHYLHEXYL) TEREPHTHALATE **BM-3** 2-PROPENENITRILE, POLYMER WITH 1,3-BUTADIENE **LT-UNK** CALCIUM STEARATE **LT-UNK** ZINC STEARATE **LT-P1** METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE **LT-UNK** POLYURETHANE FOAMS **LT-UNK** 1,6-HEXANEDIOL DIACRYLATE **LT-P1** | EYE | SKI | MUL CARBON BLACK **LT-1** | CAN TRIMETHYLOLPROPANE TRIACRYLATE **LT-UNK** | EYE | SKI | RES LANTHANUM(3+) STEARATE **UNK** RED 221 **NoGS** VINYL CHLORIDE-VINYL ACETATE COPOLYMERS **LT-UNK** DIPROPYLENE GLYCOL DIACRYLATE **LT-UNK** FUMED SILICA, CRYSTALLINE-FREE **LT-UNK** HYDROXYCYCLOHEXYL PHENYL KETONE **LT-UNK**]

Number of Greenscreen BM-4/BM3 contents.....
2

Contents highest concern GreenScreen Benchmark or List translator Score.....
LT-1

Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: FloorScore
Multi-attribute: NSF/ANSI 332

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 31, 2017	EXPIRY DATE*: May 31, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 31, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

ASPECTA ONE LUXURY VINYL TILE

HPD URL: %: 95.8467 - 103.8750

HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes: All known intentional ingredients of Aspecta One are disclosed in this HPD.

CALCIUM CARBONATE

ID: 471-34-1

%: 51.6555 - 55.6290

GS: BM-3

RC: None

NANO: NO

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 31.5467 - 34.7255

GS: LT-P1

RC: None

NANO: NO

ROLE: Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 10.5101 - 10.9075

GS: BM-3

RC: None

NANO: NO

ROLE: Plasticizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Also known as Dioctyl terephthalate, or DOTP, this plasticizer has undergone a full toxicological screening through GreenScreen and achieved a Benchmark 3 out of a possible 4, whereas phthalate plasticizers typically achieve a Benchmark 1.

2-PROPENENITRILE, POLYMER WITH 1,3-BUTADIENE

ID: 9003-18-3

%: 0.7947 - 1.0331

GS: LT-UNK

RC: None

NANO: NO

ROLE: Modifier

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CALCIUM STEARATE

ID: 1592-23-0

%: 0.4253 - 0.4730

GS: LT-UNK

RC: None

NANO: NO

ROLE: Stabilizer

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ZINC STEARATE

ID: 557-05-1

%: 0.4253 - 0.4730

GS: LT-P1

RC: None

NANO: NO

ROLE: Stabilizer

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE

ID: 25852-37-3

%: 0.1762 - 0.1762

GS: LT-UNK

RC: None

NANO: NO

ROLE: Modifier

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYURETHANE FOAMS

ID: 9009-54-5

%: 0.0960 - 0.1440

GS: LT-UNK

RC: None

NANO: NO

ROLE: UV Acrylic Layer

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

%: 0.0480 - 0.0600	GS: LT-P1	RC: None	NANO: NO	ROLE: UV Acrylic Layer
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

CARBON BLACK

ID: 1333-86-4

%: 0.0397 - 0.0477	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Carbon Black (as airborne, unbound particles) is considered a carcinogen. Carbon Black, as used in Aspecta One LVT, is bound within the polymer matrix and is not able to become airborne and inhaled or ingested through normal product use. Thus, the hazards usually associated with Carbon Black are not applicable to this product.

TRIMETHYLOLPROPANE TRIACRYLATE

ID: 15625-89-5

%: 0.0360 - 0.0600	GS: LT-UNK	RC: None	NANO: NO	ROLE: UV Acrylic Layer
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
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SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

LANTHANUM(3+) STEARATE

ID: 14741-67-4

%: 0.0352 - 0.0352 GS: UNK RC: None NANO: NO ROLE: Stabilizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

RED 221

ID: 61815-09-6

%: 0.0134 - 0.0134 GS: NoGS RC: None NANO: NO ROLE: Ink

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: 9003-22-9

%: 0.0134 - 0.0134 GS: LT-UNK RC: None NANO: NO ROLE: Ink

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

%: 0.0120 - 0.0360 GS: LT-UNK RC: None NANO: NO ROLE: UV Acrylic Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

FUMED SILICA, CRYSTALLINE-FREE

ID: 112945-52-5

%: 0.0120 - 0.0360 GS: LT-UNK RC: None NANO: NO ROLE: UV Acrylic Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

HYDROXYCYCLOHEXYL PHENYL KETONE

ID: 947-19-3

%: 0.0072 - 0.0120 GS: LT-UNK RC: None NANO: NO ROLE: UV Acrylic Layer

HAZARDS:

AGENCY(IES) WITH 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: 2017-06-01

EXPIRY DATE: 2018-05-31

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE

NOTES:

MULTI-ATTRIBUTE

NSF/ANSI 332

CERTIFYING PARTY: Third Party

ISSUE DATE: 2016-06-07

EXPIRY DATE: 2019-06-30

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: Select

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

NSF/ANSI 332 Gold Certification

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.

PREVAIL® 3100 ACRYLIC SPRAY ADHESIVE

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: One of four recommended adhesive choices for Aspectra One Luxury Vinyl Tile. Refer to the Aspectra One Installation Guide for additional details.

PREVAIL® 3500 HARD SET ADHESIVE

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: One of four recommended adhesive choices for Aspectra One Luxury Vinyl Tile. Refer to the Aspectra One Installation Guide for additional details.

PREVAIL® 4000 TWO-PART EPOXY

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: One of four recommended adhesive choices for Aspectra One Luxury Vinyl Tile. Refer to the Aspectra One Installation Guide for additional details.

PREVAIL® 6000 PRESSURE SENSITIVE ADHESIVE (PSA)

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: One of four recommended adhesive choices for Aspectra One Luxury Vinyl Tile. Refer to the Aspectra One Installation Guide for additional details.

 **Section 5: General Notes**

To preserve manufacturers full warranty, the use of recommended adhesives noted above is required. All recommended adhesives are FloorScore® certified for good indoor air quality. Additional information available upon request.



MANUFACTURER INFORMATION

MANUFACTURER: Metroflor Corporation

CONTACT NAME: Arthur R. Clarke III

ADDRESS: 15 Oakwood Avenue
Norwalk, CT 06850
USA

TITLE: Environmental & Compliance Manager

PHONE: (203) 561-9722

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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) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.