

CLASSIFICATION: 09 65 19

created via: HPDC Online Builder

**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**

**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

Are All Substances Above the Threshold Indicated:

**Characterized**  Yes  No  
Percent Weight and Role Provided?

**Screened**  Yes  No  
Using Priority Hazard Lists with Results Disclosed?

**Identified**  Yes  No  
Name and Identifier Provided?

**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  
**NoGS** 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:**

This HPD was created with Basic Inventory.

**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  
Multi-attribute: NSF/ANSI 332

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2017-10-30  
PUBLISHED DATE: 2018-02-17  
EXPIRY DATE: 2020-10-30

## 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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### ASPECTA ONE LUXURY VINYL TILE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: While Aspecta® One does not meet the qualifications for "Residuals & Impurities - Considered" per HPDC's Emerging Best Practices, we have 1) Disclosed all known, intentionally-added ingredients; 2) Tested Aspecta® One to ensure it is free of Red List Heavy Metals, Phthalate-Free, Formaldehyde-Free, complies with REACH SVHC, and meets VOC Emissions/Indoor Air Quality requirements per FloorScore / California Section 01350.

OTHER PRODUCT 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**

%: <b>0.7947 - 1.0331</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Modifier</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**CALCIUM STEARATE**ID: **1592-23-0**

%: <b>0.4253 - 0.4730</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**ZINC STEARATE**ID: **557-05-1**

%: <b>0.4253 - 0.4730</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
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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**

%: <b>0.1762 - 0.1762</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Modifier</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**POLYURETHANE FOAMS**ID: **9009-54-5**

%: <b>0.0960 - 0.1440</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>UV Acrylic Layer</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**1,6-HEXANEDIOL DIACRYLATE**

ID: 13048-33-4

%: <b>0.0480 - 0.0600</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>UV Acrylic Layer</b>
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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: 1,6-Hexanediol Diacrylate (as a liquid) is considered a skin irritant and an eye irritant. 1,6-Hexanediol Diacrylate, as used in Aspecta One LVT, is bound within the product and does not come into contact with the skin or eye through normal product use. Thus, the hazards usually associated with 1,6-Hexanediol Diacrylate are not applicable to this product.

**CARBON BLACK**

ID: 1333-86-4

%: <b>0.0397 - 0.0477</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Pigment</b>
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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

%: <b>0.0360 - 0.0600</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>UV Acrylic Layer</b>
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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

RESPIRATORY	AOEC - Asthmagens	Asthmagen (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: Trimethylolpropane Triacrylate (as a liquid) is considered a skin irritant and an eye irritant. Trimethylolpropane Triacrylate, as used in Aspecta One LVT, is bound within the product and does not come into contact with the skin or eye through normal product use. Thus, the hazards usually associated with Trimethylolpropane Triacrylate are not applicable to this product.

### LANTHANUM(3+) STEARATE

ID: 14741-67-4

#: 0.0352 - 0.0352 GS: NoGS 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: <b>Third Party</b> APPLICABLE FACILITIES: <b>All</b> CERTIFICATE URL: <a href="https://www.scs-certified.com/products/cert_pdfs/MetroFlor_2017_SCS-FS-03876_s.pdf">https://www.scs-certified.com/products/cert_pdfs/MetroFlor_2017_SCS-FS-03876_s.pdf</a>	ISSUE DATE: <b>2017-06-01</b> EXPIRY DATE: <b>2018-05-31</b> CERTIFIER OR LAB: <b>SCS Global Services</b>
CERTIFICATION AND COMPLIANCE NOTES:	

MULTI-ATTRIBUTE	NSF/ANSI 332
CERTIFYING PARTY: <b>Third Party</b> APPLICABLE FACILITIES: <b>Select</b> CERTIFICATE URL: <a href="https://www.scs-certified.com/products/cert_pdfs/Metroflor_2018_SCS-RF-04041_s3.pdf">https://www.scs-certified.com/products/cert_pdfs/Metroflor_2018_SCS-RF-04041_s3.pdf</a>	ISSUE DATE: <b>2016-06-07</b> EXPIRY DATE: <b>2019-06-30</b> CERTIFIER OR LAB: <b>SCS Global Services</b>
CERTIFICATION AND COMPLIANCE NOTES: <b>NSF/ANSI 332 Gold Certification</b>	

## 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 Aspecta One Luxury Vinyl Tile. Refer to the Aspecta 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 Aspecta One Luxury Vinyl Tile. Refer to the Aspecta 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 Aspecta One Luxury Vinyl Tile. Refer to the Aspecta 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 Aspecta One Luxury Vinyl Tile. Refer to the Aspecta 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.

## Section 6: References

### **MANUFACTURER INFORMATION**

MANUFACTURER: **Metroflor Corporation**

ADDRESS: **15 Oakwood Avenue  
Norwalk CT 06850, USA**

WEBSITE: **www.aspecta flooring.com**

CONTACT NAME: **Arthur R. Clarke III**

TITLE: **Environmental & Compliance Manager**

PHONE: **(203) 561-9722**

EMAIL: **transparency@metroflorcorp.com**

## KEY

<b>OSHA MSDS</b>	Occupational Safety and Health Administration Material Safety Data Sheet
<b>GHS SDS</b>	Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

## Hazard Types

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

## GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

## Recycled Types

<b>PreC</b> Preconsumer (Post-Industrial)
<b>PostC</b> Postconsumer
<b>Both</b> Both Preconsumer and Postconsumer
<b>Unk</b> Inclusion of recycled content is unknown
<b>None</b> 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

<b>Nano</b> Composed of nano scale particles or nanotechnology
<b>Third Party Verified</b> Verification by independent certifier approved by HPDC
<b>Preparer</b> Third party preparer, if not self-prepared by manufacturer
<b>Applicable facilities</b> 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 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.