

CLASSIFICATION: 09 65 19

created via: HPDC Online Builder

**PRODUCT DESCRIPTION:** The Aspecta® Five flooring range brings a new dimension to flooring for the global contract community, with a collection of beautiful planks and tiles that combine excellence in design, color, and texture. With 52 woodgrain planks, 33 stone & masonry tiles, and 24 abstracts, the designs span metal, solid hues, concrete, wood, and stone visuals, all enhanced by the most authentic textures available. Aspecta® Five Luxury Vinyl Plank & Tile is phthalate-free, formaldehyde-free, and made from 100% virgin vinyl. With a 3.2mm gauge, 28mil wear layer, and a urethane with ceramic bead finish, Aspecta® Five is backed by a 25-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**  
Percent Weight and Role Provided?  Yes  No

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

**Identified**  
Name and Identifier Provided?  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 FIVE LUXURY VINYL TILE [ POLYVINYL CHLORIDE (PVC) **LT-P1** | RES CALCIUM CARBONATE **BM-3** BIS(2-ETHYLHEXYL) TEREPHTHALATE **BM-3** CALCIUM STEARATE **LT-UNK** ZINC STEARATE **LT-P1** CARBON BLACK **LT-1** | CAN TRIPROPYLENE GLYCOL DIACRYLATE **LT-P1** | EYE | SKI | AQU | MUL TRIMETHYLOLPROPANE TRIACRYLATE **LT-UNK** | EYE | SKI | RES QUARTZ **LT-1** | CAN BENZOPHENONE **LT-1** | CAN | END VINYL CHLORIDE-VINYL ACETATE COPOLYMERS **LT-UNK** RED 221 **NoGS** ]

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 FIVE LUXURY VINYL TILE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: While Aspecta® Five 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® Five 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 Five are disclosed in this HPD.

#### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: **56.3500 - 59.8400** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Polymer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

#### CALCIUM CARBONATE

ID: 471-34-1

#: **27.5900 - 29.2900** 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:

#### BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

#: **8.9300 - 9.4800** 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.

**CALCIUM STEARATE**

ID: 1592-23-0

#: <b>1.6070 - 1.7070</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
---------------------------	-------------------	-----------------	-----------------	-------------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**ZINC STEARATE**

ID: 557-05-1

#: <b>1.4020 - 1.4890</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
---------------------------	------------------	-----------------	-----------------	-------------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**CARBON BLACK**

ID: 1333-86-4

#: <b>0.2299 - 0.2441</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Pigment</b>
---------------------------	-----------------	-----------------	-----------------	----------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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

SUBSTANCE NOTES: Carbon Black (as airborne, unbound particles) is considered a carcinogen. Carbon Black, as used in Aspecta Five 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.

**TRIPROPYLENE GLYCOL DIACRYLATE**

ID: 42978-66-5

#: <b>0.1795 - 0.1906</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>UV Acrylic Layer</b>
---------------------------	------------------	-----------------	-----------------	-------------------------------

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

ACUTE AQUATIC

EU - R-phrases

R51 - Toxic to Aquatic Organisms

CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
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
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: Tripropylene Glycol Diacrylate (as a liquid) is considered a skin irritant and an eye irritant. Tripropylene Glycol Diacrylate, as used in Aspecta Five 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 Tripropylene Glycol Diacrylate are not applicable to this product.

## TRIMETHYLOLPROPANE TRIACRYLATE

ID: 15625-89-5

#: **0.1746 - 0.1854** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

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
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: Trimethylolpropane Triacrylate (as a liquid) is considered a skin irritant and an eye irritant. Trimethylolpropane Triacrylate, as used in Aspecta Five 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.

## QUARTZ

ID: 14808-60-7

#: **0.0728 - 0.0773** GS: **LT-1** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources

CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: Quartz (as airborne, unbound particles) is considered a carcinogen. Quartz, as used in Aspecta Five 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 Quartz are not applicable to this product. Also known as Silicon Dioxide.

### BENZOPHENONE

ID: 119-61-9

#: **0.0485 - 0.0515**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Benzophenone (as airborne, unbound particles) is considered a carcinogen and endocrine-disruptor. Benzophenone, as used in Aspecta Five 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 Benzophenone are not applicable to this product.

### VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: 9003-22-9

#: **0.0102 - 0.0108**      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:

### RED 221

ID: 61815-09-6

#: **0.0102 - 0.0108**      GS: **NoGS**      RC: **None**      NANO: **No**      ROLE: **Ink**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES:

This section lists applicable certification and standards 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: 2018-03-01

EXPIRY DATE: 2019-02-28

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: All

CERTIFICATE URL:

[https://www.scs-certified.com/products/cert\\_pdfs/Metroflor\\_2018\\_SCS-FS-03333\\_s.pdf](https://www.scs-certified.com/products/cert_pdfs/Metroflor_2018_SCS-FS-03333_s.pdf)

CERTIFICATION AND COMPLIANCE NOTES:

## MULTI-ATTRIBUTE

## NSF/ANSI 332

CERTIFYING PARTY: Third Party

ISSUE DATE: 2018-01-19

EXPIRY DATE: 2019-06-30

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: All

CERTIFICATE URL:

[https://www.scs-certified.com/products/cert\\_pdfs/Metroflor\\_2018\\_SCS-RF-03378\\_s3.pdf](https://www.scs-certified.com/products/cert_pdfs/Metroflor_2018_SCS-RF-03378_s3.pdf)

CERTIFICATION AND COMPLIANCE NOTES: NSF/ANSI 332 Platinum 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 Five Luxury Vinyl Tile. Refer to the Aspectra Five 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 Five Luxury Vinyl Tile. Refer to the Aspectra Five 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 Five Luxury Vinyl Tile. Refer to the Aspectra Five 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 Five Luxury Vinyl Tile. Refer to the Aspectra Five 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 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

**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

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**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)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists 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 nano scale 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 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.*