

HPD UNIQUE IDENTIFIER: 25050

CLASSIFICATION: 09 65 19.23 Vinyl Tile Flooring

PRODUCT DESCRIPTION: Elemental by Aspecta™ Dryback 2.5 mm luxury vinyl tile flooring comes with a 0.55 mm wear layer and consists of 32 plank and tile designs ideal for any interior. Our range of embosses create authentic, eye-catching textures that enhance the natural details of the designs. Covered by a 10-year commercial / 15-year residential limited warranty, Elemental by Aspecta Dryback 2.5 mm is composed of 100% virgin vinyl, phthalate & formaldehyde-free, FloorScore® certified, and made at a factory that was the first in China (and all of Asia) for which the International Living Future Institute issued a JustSM Label - a program that measures a company's social equity and equality policies & practices.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| | | | |
|---|--|---|---|
| Inventory Reporting Format | Threshold level | Residuals/Impurities | <i>All Substances Above the Threshold Indicated Are:</i> |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input type="radio"/> Considered | Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm | <input type="radio"/> Partially Considered | <i>% weight and role provided for all substances.</i> |
| Threshold Disclosed Per | <input type="radio"/> Per GHS SDS | <input checked="" type="radio"/> Not Considered | Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Material | <input type="radio"/> Other | Explanation(s) provided for Residuals/Impurities? | <i>All substances screened using Priority Hazard Lists with results disclosed.</i> |
| <input checked="" type="radio"/> Product | | <input checked="" type="radio"/> Yes <input type="radio"/> No | Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No |
| | | | <i>All substances disclosed by Name (Specific or Generic) and Identifier.</i> |

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

ELEMENTAL DRYBACK 2.5MM - LUXURY VINYL TILE [CALCIUM CARBONATE BM-3 PVC LT-P1 | RES DOTP BM-3dg ACRYLATES COPOLYMER LT-UNK CALCIUM STEARATE LT-UNK ZINC STEARATE LT-P1 METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE LT-UNK TMPTA LT-P1 | SKI | CAN | EYE | RES | MUL 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | MUL CARBON BLACK BM-1 | CAN LANTHANUM(3+) STEARATE NoGS C.I.PIGMENT RED 221 LT-UNK VINYL CHLORIDE-VINYL ACETATE COPOLYMERS LT-UNK POLYURETHANE LT-UNK DIPROPYLENE GLYCOL DIACRYLATE LT-UNK SILICON DIOXIDE POWDER BM-1]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-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: RFCI FloorScore

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: 2021-06-08

PUBLISHED DATE: 2021-06-08

EXPIRY DATE: 2024-06-08

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

ELEMENTAL DRYBACK 2.5MM - LUXURY VINYL TILE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: While this product 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 this product 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: We have disclosed all known, intentionally-added ingredients.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-08 8:00:47

#: 48.8360 - 58.9400 GS: BM-3 RC: None NANO: No SUBSTANCE ROLE: Filler

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES:

PVC

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-08 8:00:47

#: 29.8470 - 38.3250 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|-------------------------------------|
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES:

DOTP

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-08 8:00:48

#: 9.0640 - 11.4090 GS: BM-3dG RC: None NANO: No SUBSTANCE ROLE: Plasticizer

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES:

ACRYLATES COPOLYMER

ID: 25035-69-2

| | | | |
|---|------------------------|--|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:48 | |
| #: 0.4210 - 0.7580 | GS: LT-UNK | RC: None | NANO: No SUBSTANCE ROLE: Processing regulator |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | |
| None found | | No warnings found on HPD Priority Hazard Lists | |
| SUBSTANCE NOTES: | | | |

CALCIUM STEARATE

ID: **1592-23-0**

| | | | |
|---|------------------------|--|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:49 | |
| #: 0.3790 - 0.5530 | GS: LT-UNK | RC: None | NANO: No SUBSTANCE ROLE: Stabilizer |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | |
| None found | | No warnings found on HPD Priority Hazard Lists | |
| SUBSTANCE NOTES: | | | |

ZINC STEARATE

ID: **557-05-1**

| | | | |
|---|------------------------|--|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:49 | |
| #: 0.3790 - 0.5530 | GS: LT-P1 | RC: None | NANO: No SUBSTANCE ROLE: Stabilizer |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | |
| None found | | No warnings found on HPD Priority Hazard Lists | |
| SUBSTANCE NOTES: | | | |

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE

ID: **25852-37-3**

| | | | |
|---|------------------------|--|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:50 | |
| #: 0.0620 - 0.0660 | GS: LT-UNK | RC: None | NANO: No SUBSTANCE ROLE: Processing regulator |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | |
| None found | | No warnings found on HPD Priority Hazard Lists | |
| SUBSTANCE NOTES: | | | |

TMPTA

ID: **15625-89-5**

| | | | |
|---|------------------|--|--|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:50 | |
| #: 0.0390 - 0.0780 | GS: LT-P1 | RC: None | NANO: No SUBSTANCE ROLE: Abrasion resistance |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|---|
| SKI | MAK | Sensitizing Substance Sh - Danger of skin sensitization |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| SKI | EU - GHS (H-Statements) | H315 - Causes skin irritation |
| EYE | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SKI | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-08 8:00:50**

#: **0.0260 - 0.0330** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|---|
| SKI | MAK | Sensitizing Substance Sh - Danger of skin sensitization |
| SKI | EU - GHS (H-Statements) | H315 - Causes skin irritation |
| EYE | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SKI | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |

SUBSTANCE NOTES:

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-08 8:00:51**

#: **0.0250 - 0.0590** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|-----------------------------------|--|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| CAN | CA EPA - Prop 65 | Carcinogen - specific to chemical form or exposure route |
| CAN | IARC | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources |

SUBSTANCE NOTES:

LANTHANUM(3+) STEARATE

ID: 14741-67-4

| | | | | |
|---|------------------------|--|-----------------|-----------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:51 | | |
| %: 0.0250 - 0.0280 | GS: NoGS | RC: None | NANO: No | SUBSTANCE ROLE: Stabilizer |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

C.I.PIGMENT RED 221

ID: **61815-09-6**

| | | | | |
|---|------------------------|--|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:52 | | |
| %: 0.0180 - 0.0180 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Pigment |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: **9003-22-9**

| | | | | |
|---|------------------------|--|-----------------|--|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:52 | | |
| %: 0.0180 - 0.0180 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

POLYURETHANE

ID: **9009-54-5**

| | | | | |
|---|------------------------|--|-----------------|---------------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:53 | | |
| %: 0.0130 - 0.0330 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Powder coating |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

DIPROPYLENE GLYCOL DIACRYLATE

ID: **57472-68-1**

| | | | | |
|---|------------------------|--|-----------------|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-06-08 8:00:53 | | |
| %: 0.0070 - 0.0200 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Viscosity modifier |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-08 8:00:54**

#: **0.0070 - 0.0200** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Matting agent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard 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 | RFCI FloorScore | | |
|---|-----------------|--------------|-----------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: | EXPIRY DATE: | CERTIFIER OR LAB: SCS |
| APPLICABLE FACILITIES: All | 2020-12-01 | 2021-11-30 | Global Services |
| CERTIFICATE URL: https://www.scscertified.com/products/cert_pdfs/AspectaNA_2020_SCS-FS-03808_s.pdf | | | |
| CERTIFICATION 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.

| REFER TO INSTALLATION MANUAL | HPD URL: No HPD Available |
|------------------------------|---------------------------|
|------------------------------|---------------------------|

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Refer to Installation Manual for recommended adhesives/accessories for this product.

Section 5: General Notes

To preserve manufacturer's full warranty, please refer and adhere to the information contained in the Installation Manual for this product.

MANUFACTURER INFORMATION

MANUFACTURER: Aspecta N.A.
ADDRESS: 15 Oakwood Avenue
 Norwalk CT 06850, United States of America
WEBSITE: <https://www.elementalbyaspecta.com>

CONTACT NAME: Arthur Clarke
TITLE: Director of Sustainability
PHONE: (203) 561-9722
EMAIL: ac@hmtx.global

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

| | | |
|---------------------------------------|---|--|
| AQU Aquatic toxicity | LAN Land toxicity | PHY Physical hazard (flammable or reactive) |
| CAN Cancer | MAM Mammalian/systemic/organ toxicity | REP Reproductive |
| DEV Developmental toxicity | MUL Multiple | RES Respiratory sensitization |
| END Endocrine activity | NEU Neurotoxicity | SKI Skin sensitization/irritation/corrosivity |
| EYE Eye irritation/corrosivity | NF Not found on Priority Hazard Lists | UNK Unknown |
| GEN Gene mutation | OZO Ozone depletion | |
| GLO Global warming | PBT Persistent, bioaccumulative, and toxic | |

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| BM-2 Benchmark 2 (use but search for safer substitutes) | NoGS No GreenScreen. |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | |
| BM-U Benchmark Unspecified (due to insufficient data) | |
| LT-P1 List Translator Possible 1 (Possible Benchmark-1) | |

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.