

**CLASSIFICATION:** 09 65 19.00 Resilient Tile Flooring

**PRODUCT DESCRIPTION:** Kareina Asento LVT from TOLI International is manufactured from the highest quality film to give the finely detailed wood grain appearance of natural oak, maple, cherry, cedar and other attractive wood species. Kareina Asento is engineered for schools, hospitals, restaurants, retail environments and other demanding high-traffic areas.

**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  
*All substances screened using Priority Hazard Lists with results disclosed.*

**Identified**  Yes Ex/SC  Yes  No  
*All substances disclosed by Name (Specific or Generic) and Identifier.*

**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**

**KAREINA ASENTO** [ **CALCIUM CARBONATE (PRIMARY CASRN IS 471-34-1)** **BM-3** **POLYVINYL CHLORIDE (PRIMARY CASRN IS 9002-86-2)** **LT-P1** | **RES BIS(2-ETHYLHEXYL) TEREPHTHALATE (PRIMARY CASRN IS 6422-86-2)** **BM-3dg** **ZINC STEARATE (PRIMARY CASRN IS 557-05-1)** **LT-P1** **CALCIUM STEARATE (PRIMARY CASRN IS 1592-23-0)** **LT-UNK** **EPOXIDIZED SOYBEAN OIL (PRIMARY CASRN IS 8013-07-8)** **LT-P1** **DIPROPYLENE GLYCOL DIACRYLATE (PRIMARY CASRN IS 57472-68-1)** **LT-UNK** **CARBON BLACK (PRIMARY CASRN IS 1333-86-4)** **LT-1** | **CAN (2-HYDROXY-4-(OCTYLOXY)PHENYL)PHENYLMETHANONE** **LT-UNK** **METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE** **LT-UNK** ]

Number of Greenscreen BM-4/BM3 contents ... 1  
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** *See Section 3 for additional listings.*

VOC emissions: RFCI FloorScore  
Multi-attribute: NSF 332-2015 Sustainability assessment for resilient floor covering  
Multi-attribute: ISO 14001:2015 Environmental management systems  
Management: ISO 9001:2015 Quality management systems

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

Third Party Verified?

- Yes

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-07-11

PUBLISHED DATE: 2019-09-20

EXPIRY DATE: 2022-07-11





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

### KAREINA ASENTO

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: There is no intentionally used substance during the process, and no residuals will be present in the final material/mixture. Impurities are currently being investigated and will be disclosed upon future updates.

OTHER PRODUCT NOTES:

#### CALCIUM CARBONATE (PRIMARY CASRN IS 471-34-1)

ID: 148092-93-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-07-11

#: 45.00 - 55.00 GS: BM-3 RC: PreC NANO: No ROLE: Middle and bottom layers of the flooring

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

SUBSTANCE NOTES:

#### POLYVINYL CHLORIDE (PRIMARY CASRN IS 9002-86-2)

ID: 2137864-40-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-07-11

#: 40.00 - 50.00 GS: LT-P1 RC: None NANO: No ROLE: Wear, middle, and bottom layer of the flooring

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagen	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

#### BIS(2-ETHYLHEXYL) TEREPHTHALATE (PRIMARY CASRN IS 6422-86-2)

ID: 144981-82-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-07-11

#: 10.00 - 14.00 GS: BM-3dg RC: UNK NANO: No ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

**ZINC STEARATE (PRIMARY CASRN IS 557-05-1)**

ID: 256482-37-8

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-07-11</b>		
#: <b>0.50 - 0.60</b>	GS: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

**CALCIUM STEARATE (PRIMARY CASRN IS 1592-23-0)**

ID: 2137046-46-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-07-11</b>		
#: <b>0.50 - 0.60</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

**EPOXIDIZED SOYBEAN OIL (PRIMARY CASRN IS 8013-07-8)**

ID: 667916-55-4

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-07-11</b>		
#: <b>0.35 - 0.45</b>	GS: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

**DIPROPYLENE GLYCOL DIACRYLATE (PRIMARY CASRN IS 57472-68-1)**

ID: 945539-93-5

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-07-11</b>		
#: <b>0.05 - 0.09</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>Unknown</b>	ROLE: <b>Protect</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES:

**CARBON BLACK (PRIMARY CASRN IS 1333-86-4)**

ID: 1584692-77-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-07-11**

#: **0.01 - 0.03** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Color**

HAZARD TYPE	AGENCY AND LIST TITLES	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:

**(2-HYDROXY-4-(OCTYLOXY)PHENYL)PHENYLMETHANONE**

ID: 1843-05-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-07-11**

#: **0.01 - 0.01** GS: **LT-UNK** RC: **UNK** NANO: **Unknown** ROLE: **Protect**

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: **2019-07-11**

#: **0.01 - 0.01** GS: **LT-UNK** RC: **UNK** NANO: **Unknown** ROLE: **Modifier**

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: **2019-03-01**      EXPIRY DATE: **2020-02-29**      CERTIFIER OR LAB: **SCS Global Services**  
APPLICABLE FACILITIES: **Taiwan Production Facility**  
CERTIFICATE URL:  
CERTIFICATION AND COMPLIANCE NOTES: **Registration # SCS-FS-05037**

### MULTI-ATTRIBUTE

### NSF 332-2015 Sustainability assessment for resilient floor covering

CERTIFYING PARTY: **Third Party**      ISSUE DATE: **2018-06-28**      EXPIRY DATE: **2021-06-28**      CERTIFIER OR LAB: **UL**  
APPLICABLE FACILITIES: **Taiwan Production Facility**  
CERTIFICATE URL:  
CERTIFICATION AND COMPLIANCE NOTES: **Certificate # 129626-4230**

### MULTI-ATTRIBUTE

### ISO 14001:2015 Environmental management systems

CERTIFYING PARTY: **Third Party**      ISSUE DATE: **2017-10-11**      EXPIRY DATE: **2019-09-29**      CERTIFIER OR LAB: **SGS**  
APPLICABLE FACILITIES: **Taiwan Production Facility**  
CERTIFICATE URL:  
CERTIFICATION AND COMPLIANCE NOTES: **Certificate # TW07/01107.01**

### MANAGEMENT

### ISO 9001:2015 Quality management systems

CERTIFYING PARTY: **Third Party**      ISSUE DATE: **2018-09-15**      EXPIRY DATE: **2021-09-15**      CERTIFIER OR LAB: **SGS**  
APPLICABLE FACILITIES: **Taiwan Production Facility**  
CERTIFICATE URL:  
CERTIFICATION AND COMPLIANCE NOTES: **Certificate TW01/00656**

## 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

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:  
**For all installations**

## Section 5: General Notes





## MANUFACTURER INFORMATION

MANUFACTURER: **CBC Flooring**  
 ADDRESS: **2000 Regency Parkway**  
**Suite 600**  
**Cary NC 27518, United States**  
 WEBSITE: **www.cbcflooring.com**

CONTACT NAME: **John Clouse**  
 TITLE: **Senior Marketing Manager**  
 PHONE: **(419) 890-9402**  
 EMAIL: **jclouse@cbcamerica.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

<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 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

**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.*