

HPD UNIQUE IDENTIFIER: 27636

CLASSIFICATION: 09 72 16.13 Flexible Vinyl Wall Coverings

PRODUCT DESCRIPTION: Len-Tex Clean Vinyl Technology Wallcovering Backed with Woven Fabric with various designs, including weight (15 oz, 20 oz, 24 oz, 28 oz, 32 oz) and style (Metallized PET Film, Prints, Colors) options.

## 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  
 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

*One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.*

### 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**

**CLEAN VINYL TECHNOLOGY WALLCOVERING WITH WOVEN BACKING** [ **POLYVINYL CHLORIDE (PVC)** LT-P1 | RES **POLYETHYLENE TEREPHTHALATE (PET)** LT-UNK **BIS(2-ETHYLHEXYL) TEREPHTHALATE** BM-3dg **LIMESTONE, CALCIUM CARBONATE** BM-3dg **ALUMINA TRIHYDRATE** BM-2 | RES **1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER** LT-P1 | MUL **POLYVINYL CHLORIDE (PVC)** LT-P1 | RES **ZINC BORATE** BM-1 | MUL | REP **COTTON** NoGS **EPOXIDIZED SOYBEAN OIL** LT-P1 **CALCIUM ZINC COMPLEX** NoGS ]

Number of Greenscreen BM-4/BM3 contents ... 0

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

Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

Cotton and Calcium Zinc Complex do not have a registered CAS# and as such cannot be Registered in the ID field as stated in the HPD Open Standard. All material components, including all substances screened using Priority Hazard Lists with results, are fully disclosed in this HPD.

### 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: SCS Indoor Advantage Gold - Classroom & Office scenario

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario

LCA: Environmental Product Declaration (EPD) by SCS

Multi-attribute: GreenCircle - Recycled Content

### 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: 2022-02-16

PUBLISHED DATE: 2022-02-16

EXPIRY DATE: 2025-02-16

## 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](http://www.hpd-collaborative.org/hpd-2-2-standard)

### CLEAN VINYL TECHNOLOGY WALLCOVERING WITH WOVEN BACKING

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All residuals/impurities for this product were considered based on both SDS (SDS may not identify all Residuals or Impurities present in this product that would require reporting on the HPD) and supplier disclosure letters for what may not have been identified on the SDS . No Residuals or Impurities are expected to be present at or above Content Inventory Threshold of 1000 ppm that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS.

OTHER PRODUCT NOTES:

#### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-16 10:16:44

#: 43.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
-------------	------------------------	----------

RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
-----	-------------------	-------------------------------------

SUBSTANCE NOTES:

#### POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-16 10:16:45

#: 13.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
-------------	------------------------	----------

None found		No warnings found on HPD Priority Hazard Lists
------------	--	--

SUBSTANCE NOTES:

#### BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-16 10:16:45

#: 10.0000 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
-------------	------------------------	----------

None found		No warnings found on HPD Priority Hazard Lists
------------	--	--

SUBSTANCE NOTES:

#### LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-02-16 10:16:46</b>	
%: <b>10.0000</b>	GS: <b>BM-3dg</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:			

**ALUMINA TRIHYDRATE**

ID: **21645-51-2**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-02-16 10:16:46</b>	
%: <b>7.0000</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced	
SUBSTANCE NOTES:			

**1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER**

ID: **77-90-7**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-02-16 10:16:47</b>	
%: <b>5.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Adhesive</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters	
SUBSTANCE NOTES:			

**POLYVINYL CHLORIDE (PVC)**

ID: **9002-86-2**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-02-16 10:16:47</b>	
%: <b>4.5000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Adhesive</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced	
SUBSTANCE NOTES:			

**ZINC BORATE**

ID: **1332-07-6**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-02-16 10:16:48</b>	
%: <b>3.0000</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]

SUBSTANCE NOTES:

### COTTON

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-16 10:16:48**

%: **1.5000 - 2.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Cotton does not have a registered CAS# and as such cannot be Registered in the ID field as stated in the HPD Open Standard. All material components, including all substances screened using Priority Hazard Lists with results, are fully disclosed in this HPD.

### EPOXIDIZED SOYBEAN OIL

ID: **8013-07-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-16 10:16:49**

%: **1.5000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Softener**

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

SUBSTANCE NOTES:

### CALCIUM ZINC COMPLEX

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-16 10:16:49**

%: **1.5000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Calcium Zinc Complex does not have a registered CAS# and as such cannot be Registered in the ID field as stated in the HPD Open Standard. All material components, including all substances screened using Priority Hazard Lists with results, are fully disclosed in this HPD.

## 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	SCS Indoor Advantage Gold - Classroom & Office scenario		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="https://lentexwallcoverings.com/wp-content/uploads/2020/03/Len_Tex_2019_SCS_IAQ_02056_s.pdf">https://lentexwallcoverings.com/wp-content/uploads/2020/03/Len_Tex_2019_SCS_IAQ_02056_s.pdf</a>	ISSUE DATE: 2020-10-01	EXPIRY DATE: 2022-09-30	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: Conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the school classroom, private office, and single-family residence scenarios			

VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="https://5ygu5jdjrp1i98tgcrl3hqy-wpengine.netdna-ssl.com/wp-content/uploads/2020/12/Lentex_CHPS-Certificate_2020-1.pdf">https://5ygu5jdjrp1i98tgcrl3hqy-wpengine.netdna-ssl.com/wp-content/uploads/2020/12/Lentex_CHPS-Certificate_2020-1.pdf</a>	ISSUE DATE: 2020-10-30	EXPIRY DATE: 2022-10-30	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: Conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the school classroom, private office, and single-family residence scenarios			

LCA	Environmental Product Declaration (EPD) by SCS		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05287_Len-Tex_Wallcoverings_010719.pdf">https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05287_Len-Tex_Wallcoverings_010719.pdf</a>	ISSUE DATE: 2019-01-07	EXPIRY DATE: 2024-01-06	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: This EPD conforms to ISO 14025, 14040, ISO 14044, and EN 15804			

MULTI-ATTRIBUTE	GreenCircle - Recycled Content		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="http://database.greencirclecertified.com/database/uploads/pdf/GreenCircle++Clean+Vinyl+Technology+Wallcoverings+Woven+backing++20-0191+UPDATED+1.6.21-wcn.pdf">http://database.greencirclecertified.com/database/uploads/pdf/GreenCircle++Clean+Vinyl+Technology+Wallcoverings+Woven+backing++20-0191+UPDATED+1.6.21-wcn.pdf</a>	ISSUE DATE: 2020-08-01	EXPIRY DATE: 2023-07-31	CERTIFIER OR LAB: Green Circle Certified
CERTIFICATION AND COMPLIANCE NOTES: Green Circle Certified Environmental Fact Label			

MULTI-ATTRIBUTE	Green Circle Certified Environmental Facts		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: <a href="https://db.greencirclecertified.com/api/v1/certificates/198/generate-certificate">https://db.greencirclecertified.com/api/v1/certificates/198/generate-certificate</a>	ISSUE DATE: 2020-08-01	EXPIRY DATE: 2023-07-31	CERTIFIER OR LAB: Green Circle Certified
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.

## CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended adhesives used for installations of the wallcovering products Roman Decorating Adhesives do not contain any VOC content: [https://romandecoratingproducts.com/wp-content/uploads/2020/08/ECO-888\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/ECO-888_TDS_011618.pdf) [https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-774\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-774_TDS_011618.pdf) [https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-555\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-555_TDS_011618.pdf) [https://romandecoratingproducts.com/wp-content/uploads/2020/08/ECO-788\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/ECO-788_TDS_011618.pdf) [https://romandecoratingproducts.com/wp-content/uploads/2020/08/ECO-888\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/ECO-888_TDS_011618.pdf) [https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-732\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-732_TDS_011618.pdf) [https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-838\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-838_TDS_011618.pdf) [https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-870\\_TDS\\_011618.pdf](https://romandecoratingproducts.com/wp-content/uploads/2020/08/PRO-870_TDS_011618.pdf)

 **Section 5: General Notes**

This product can be reclaimed after its useful life for recycling into an alternative material used to manufacture another product type.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Len-Tex Corporation  
**ADDRESS:** 18 Len-Tex Lane  
 Walpole NH 03609, USA  
**WEBSITE:** www.lentexwallcoverings.com

**CONTACT NAME:** Aine Hardaker  
**TITLE:** Sustainability Coordinator  
**PHONE:** 6034452342  
**EMAIL:** aineh@lentexcorp.com

*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**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<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>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> 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.*