

15oz and 20oz Clean Vinyl Technology Wallcovering with Woven Backing by Len-Tex Corporation

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 72 00.00 Finishes

PRODUCT DESCRIPTION: Vinyl Wallcovering backed with woven fabric

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

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

15OZ AND 20OZ CLEAN VINYL TECHNOLOGY WALLCOVERING WITH WOVEN BACKING [POLYVINYL CHLORIDE (PVC) LT-P1 | RES POLYETHYLENE TEREPHTHALATE (PET) LT-UNK BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3 LIMESTONE, CALCIUM CARBONATE LT-UNK ALUMINA TRIHYDRATE BM-2 | RES 1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETOXY)-, TRIBUTYL ESTER LT-P1 | MUL POLYVINYL CHLORIDE (PVC) LT-P1 | RES ZINC BORATE BM-1 | MUL COTTON NoGS EPOXIDIZED SOYBEAN OIL LT-P1 CALCIUM ZINC COMPLEX NoGS]

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:

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

Multi-attribute: NSF-342: Sustainability Assessment for Wallcoverings - Silver

LCA: Environmental Product Declaration (EPD) by SCS

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: 2018-12-20

PUBLISHED DATE: 2019-11-11

EXPIRY DATE: 2021-12-20



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

15OZ AND 20OZ 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 at 1000 ppm disclosure threshold 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: 2018-12-20

#: 43.00

GS: LT-P1

RC: None

NANO: No

ROLE: Vinyl Film Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

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: 2018-12-20

#: 13.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Backing 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: 2018-12-20

#: **10.00** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Vinyl Film 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: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-12-20**

#: **10.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Vinyl Film Component**

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: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-12-20**

#: **7.00** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Vinyl Film Component**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

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

SUBSTANCE NOTES:

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

ID: **77-90-7**

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

HAZARD SCREENING DATE: **2018-12-20**

#: **5.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Adhesive Component**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES:

POLYVINYL CHLORIDE (PVC)

ID: **9002-86-2**

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

HAZARD SCREENING DATE: **2018-12-20**

#: **4.50** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Adhesive Component**

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

SUBSTANCE NOTES:

ZINC BORATE

ID: 1332-07-6

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

HAZARD SCREENING DATE: **2018-12-20**

#: **3.00** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Vinyl Film Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

COTTON

ID: **Not registered**

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

HAZARD SCREENING DATE: **2018-12-20**

#: **1.50 - 2.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Backing 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: **2018-12-20**

#: **1.50** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Vinyl Film Component**

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: **2018-12-20**

#: **1.50** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Vinyl Film Component**

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	ISSUE DATE: 2018-10-01	EXPIRY DATE: 2019-09-30	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Len-Tex Corporation			
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/Len_Tex_2018_SCS_IAQ_02056_s.pdf			
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	ISSUE DATE: 2018-10-01	EXPIRY DATE: 2019-09-30	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Len-Tex Corporation			
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/Len_Tex_2018_SCS_IAQ_02056_s.pdf			
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			

MULTI-ATTRIBUTE

NSF-342: Sustainability Assessment for Wallcoverings - Silver

CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-03-27	EXPIRY DATE: 2021-12-31	CERTIFIER OR LAB: NSF International
APPLICABLE FACILITIES: Len-Tex Corporation			
CERTIFICATE URL: http://info.nsf.org/Certified/Sustain/Listings.asp?CompanyName=len-tex&ProdCat=342			
CERTIFICATION AND COMPLIANCE NOTES: Compliance with NSF/ANSI 342 Sustainability Assessment for Wallcovering Products			

LCA

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-01-07	EXPIRY DATE: 2024-01-06	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Len-Tex Corporation			
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05287_Len-Tex_Wallcoverings_010719.pdf			
CERTIFICATION AND COMPLIANCE NOTES: This EPD conforms to ISO 14025, 14040, ISO 14044, and EN 15804			

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or

ROMAN DECORATING ADHESIVES

HPD URL: **No HPD 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: http://romandecoratingproducts.com/files/8214/6490/3510/ECO-788_042916.pdf

http://romandecoratingproducts.com/files/2415/1620/1881/ECO-988_TDS_011618.pdf

http://romandecoratingproducts.com/files/8615/1620/1862/PRO-977_TDS_011618.pdf

http://romandecoratingproducts.com/files/6115/1620/1804/ECO-888_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

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CONTACT NAME: **Olivia Zajac**

TITLE: **Technical and Sustainability Manager**

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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.