## Section 1: Summary

### Nested Method / Material Threshold

#### CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Disclosed Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>Residuals/Impurities</td>
</tr>
<tr>
<td>1,000 ppm</td>
<td>Considered in 4 of 4 Materials</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Residuals/Impurities</th>
<th>Are All Substances Above the Threshold Indicated:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Considered</td>
<td>Characterized</td>
</tr>
<tr>
<td>Percent Weight and Role Provided?</td>
<td>Yes</td>
</tr>
<tr>
<td>Using Priority Hazard Lists with Results Disclosed?</td>
<td>Yes</td>
</tr>
<tr>
<td>Name and Identifier Provided?</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>VINYL FILM</td>
<td>POLYVINYL CHLORIDE (PVC)</td>
<td>LT-P1</td>
<td>RES</td>
<td>BIS(2-ETHYLHEXYL) TEREPHTHALATE</td>
</tr>
<tr>
<td>LIMESTONE</td>
<td>CALCIUM CARBONATE</td>
<td>LT-UNK</td>
<td>RES</td>
<td>ZINC BORATE</td>
</tr>
<tr>
<td>MUL EPOXIDIZED SOYBEAN OIL</td>
<td>POLYETHYLENE TEREPHTHALATE (PET)</td>
<td>LT-UNK</td>
<td>ADHESIVE COMPONENT</td>
<td>1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLXYO)-, TRIBUTYL ESTER</td>
</tr>
<tr>
<td>MUL POLYVINYL CHLORIDE (PVC)</td>
<td>LT-P1</td>
<td>RES</td>
<td>RESIDUALS FOR CLEAN VINYL WALLCOVERING WITH WOVEN BACKING</td>
<td>2-PROPENOIC ACID, 2-METHYL, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE</td>
</tr>
<tr>
<td>MICA</td>
<td>TITANIUM DIOXIDE</td>
<td>LT-UNK</td>
<td>CAN</td>
<td>END</td>
</tr>
<tr>
<td>CARBON BLACK</td>
<td>LT-3</td>
<td>CAN</td>
<td>THIABENDAZOLE</td>
<td>LT-P1</td>
</tr>
<tr>
<td>AQU MUL</td>
<td>REP</td>
<td>ZINC PYRITHIONE (ZPT)</td>
<td>ZINC PYRITHIONE (ZPT)</td>
<td>BM-1</td>
</tr>
<tr>
<td>MUL 1.3-BENZENEDICARBOXYLIC ACID, 5-SULFO-, 1,3-DIMETHYL ESTER, SODIUM SALT</td>
<td>LT-2</td>
<td>CAN</td>
<td>1-(1-METHYL-2-PROPOXYETHOXY)PROPAN-2-OL</td>
<td>LT-P1</td>
</tr>
<tr>
<td>PROPILENE GLYCOL</td>
<td>PROPYLENE GLYCOL</td>
<td>BM-2</td>
<td>END</td>
<td>2-METHYL-2-METHYLAMINO-1-PROPANOL</td>
</tr>
</tbody>
</table>

Number of Greenscreen BM-4/BM3 contents........ 1
Contents highest concern GreenScreen Benchmark or List translator Score.............. BM-1
Nanomaterial............. Yes

#### 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
VOC emissions: CHPS High Performance Products Database - Low Emitting Material
VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario
VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Residential scenario + 2012 Formaldehyde

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients, Option 1

<table>
<thead>
<tr>
<th>Third Party Verified?</th>
<th>PREPARER: Self-Prepared</th>
<th>SCREENING DATE: 2017-10-03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>VERIFIER:</td>
<td>PUBLISHED DATE: 2017-10-03</td>
</tr>
<tr>
<td>No</td>
<td>VERIFICATION #:</td>
<td>EXPIRY DATE: 2020-10-03</td>
</tr>
</tbody>
</table>
### VINYL FILM

- **%:** 76.0000
- **Residuals and Impurities Considered:** Yes
- **Residuals and Impurities Notes:** All Residuals/Impurities for Clean Vinyl Wallcovering with Non-Woven Backing are listed under the Residuals Material.
- **Other Material Notes:** Vinyl Film

### POLYVINYL CHLORIDE (PVC)

- **%:** 43.0000
- **ID:** 9002-86-2
- **GS:** LT-P1
- **RC:** None
- **NANO:** No
- **Role:** Vinyl Film Component
- **Hazards:** AOEC - Asthmagens
- **Agency(s) with Warnings:** Asthmagen (Rs) - sensitizer-induced
- **Substance Notes:** Vinyl Film Component

### BIS(2-ETHYLHEXYL) TEREPHTHALATE

- **%:** 10.0000
- **ID:** 6422-86-2
- **GS:** BM-3
- **RC:** None
- **NANO:** No
- **Role:** Vinyl Film Component
- **Hazards:** None Found
- **Agency(s) with Warnings:** No warnings found on HPD Priority lists
- **Substance Notes:** Vinyl Film Component

### LIMESTONE; CALCIUM CARBONATE

- **%:** 10.0000
- **ID:** 1317-65-3
- **GS:** LT-UNK
- **RC:** None
- **NANO:** No
- **Role:** Vinyl Film Component
- **Hazards:** None Found
- **Agency(s) with Warnings:** No warnings found on HPD Priority lists
- **Substance Notes:** Vinyl Film Component

### ALUMINA TRIHYDRATE

- **ID:** 21645-51-2

---

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)
### Zinc Borate

<table>
<thead>
<tr>
<th>%:</th>
<th>3.0000</th>
<th>GS: BM-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Vinyl Film Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Non-inhalable form

### Epoxydized Soybean Oil

<table>
<thead>
<tr>
<th>%:</th>
<th>1.5000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Vinyl Film Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Vinyl Film Component

### Calcium Zinc Complex

<table>
<thead>
<tr>
<th>%:</th>
<th>1.5000 - 1.5000</th>
<th>GS: NoGS</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Vinyl Film Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** This Complex does not have a registered CAS#, but has no warnings found on HPD Priority lists

### Woven Backing

<table>
<thead>
<tr>
<th>%:</th>
<th>13.5000</th>
<th>HPD URL: There is no separate HPD published for this material.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATERIAL THRESHOLD:</td>
<td>100 ppm</td>
<td>RESIDUALS AND IMPURITIES CONSIDERED: Yes</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES:</td>
<td>All Residuals/Impurities for Clean Vinyl Wallcovering with Woven Backing are listed under the Residuals for Wallcovering with Woven Backing Material.</td>
<td></td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES:</td>
<td>Woven Backing</td>
<td></td>
</tr>
</tbody>
</table>

### Polyethylene Terephthalate (PET)

<p>| ID: 25038-59-9 | 15oz and 20oz Clean Vinyl Wallcovering with Woven Backing | <a href="http://www.hpd-collaborative.org">www.hpd-collaborative.org</a> |</p>
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>HAZARDS</th>
<th>AGENCY(IES) WITH WARNINGS</th>
<th>SUBSTANCE NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton</td>
<td></td>
<td>0.2000 - 0.2000</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Woven Backing Component</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>Woven Backing Component</td>
</tr>
<tr>
<td>Adhesive Component</td>
<td>9.5000</td>
<td>HPD URL: There is no separate HPD published for this material.</td>
<td>5.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>Adhesive Component</td>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Adhesive Component</td>
</tr>
<tr>
<td>Polyvinyl Chloride (PVC)</td>
<td>4.5000</td>
<td>9002-86-2</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Adhesive Component</td>
<td>RESPIRATORY</td>
<td>AOEC - Asthmagens</td>
<td>Adhesive Component</td>
</tr>
</tbody>
</table>
RESIDUALS FOR CLEAN VINYL WALLCOVERING WITH WOVEN BACKING

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All Residuals/Impurities for Clean Vinyl Wallcovering with Woven Backing are listed in this Material.

OTHER MATERIAL NOTES: Residuals for Clean Vinyl Wallcovering with Woven Backing

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE (2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE) ID: 27136-15-8

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the vinyl film we purchase. It is present at less than 0.0076% in the final wallcovering product.

MICA (MICA) ID: 12001-26-2

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the pearl pigments we purchase. It is present at less than 0.007% in the final wallcovering product.

TITANIUM DIOXIDE (TITANIUM DIOXIDE) ID: 13463-67-7

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER US CDC - Occupational Carcinogens Occupational Carcinogen
CANCER MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
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
ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the inks/vinyl film/pearl pigments/backing we purchase. It does not come to us in inhalable form and is present at less than 0.0055% in the final wallcovering product.
### 1.4BENZENDICARBOXYLIC ACID DIMETHYL ESTER POLYMER WITH 12ETHANEDIOL AND ALPHA HYDRO OMEGA HYDRO POLY (OXY12ETHANEDIYL)

<table>
<thead>
<tr>
<th>%:</th>
<th>Impurity/Residual</th>
<th>GS:</th>
<th>NoGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Impurity/Residual</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

This is a contaminant in a supplier raw material and therefore a residual component from the backing that we purchase. It is present at less than 0.0046% in the final wallcovering product.

### 1,3-BENZENEDICARBOXYLIC ACID, 5-SULFO-, 1,3-DIMETHYL ESTER, SODIUM SALT (1:1), POLYMER WITH 1,4-DIMETHYL 1,4-BENZENEDICARBOXYLATE, 1,2-ETHANEDIOL AND ALPHA-HYDRO-Omega-HYDROXYPOLY(OXY-1,2-ETHANEDIYL)

<table>
<thead>
<tr>
<th>%:</th>
<th>Impurity/Residual</th>
<th>GS:</th>
<th>NoGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Impurity/Residual</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

This is a contaminant in a supplier raw material and therefore a residual component from the backing that we purchase. It is present at less than 0.00414% in the final wallcovering product.

### CARBON BLACK (CARBON BLACK)

<table>
<thead>
<tr>
<th>%:</th>
<th>Impurity/Residual</th>
<th>GS:</th>
<th>LT-1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Impurity/Residual</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

CANCER

- US CDC - Occupational Carcinogens
- Occupational Carcinogen

- CA EPA - Prop 65
- Carcinogen - specific to chemical form or exposure route

- IARC
- Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

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

**SUBSTANCE NOTES:**

This is a contaminant in a supplier raw material and therefore a residual component from the inks/backing we purchase. It does not come to us in inhalable form and is present at less than 0.00238% in the final wallcovering product.

### THIABENDAZOLE (THIABENDAZOLE)

<table>
<thead>
<tr>
<th>%:</th>
<th>Impurity/Residual</th>
<th>GS:</th>
<th>LT-P1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Impurity/Residual</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

ACUTE AQUATIC

- EU - R-phrases
- R50 - Very Toxic to Aquatic Organisms

**SUBSTANCE NOTES:**

This is a contaminant in a supplier raw material and therefore a residual component from the backing that we purchase.
### Zinc Pyrithione (ZPT) (Zinc Pyrithione (ZPT))

**ID:** 13463-41-7

- **%:** Impurity/Residual
- **GS:** BM-1tp
- **RC:** None
- **NANO:** No
- **ROLE:** Impurity/Residual

**HAZARDS:**

- **AGENCY(IES) WITH WARNINGS:** MULTIPLE
  - German FEA - Substances Hazardous to Waters
    - Class 2 - Hazard to Waters

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the vinyl film we purchase. It is present at less than 0.00228% in the final wallcovering product.

### 1,3-Benzendicarboxylic Acid, 5-Sulfo-, 1,3-Dimethyl Ester, Sodium Salt, Polymer with Dimethyl 1,4-Benzenedicarboxylate and 1,2-Ethandiol

**ID:** 27937-63-9

- **%:** 0.0014
- **GS:** LT-UNK
- **RC:** None
- **NANO:** Yes
- **ROLE:** Additive - Nonreactive

**HAZARDS:**

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

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the backing we purchase. It is present at less than 0.00138% in the final wallcovering product.

### Aluminum (Aluminum)

**ID:** 7429-90-5

- **%:** Impurity/Residual
- **GS:** LT-P1
- **RC:** None
- **NANO:** No
- **ROLE:** Impurity/Residual

**HAZARDS:**

- **AGENCY(IES) WITH WARNINGS:**
  - **RESPIRATORY**
    - AOEC - Asthmagens
  - **ENDOCRINE**
    - TEDX - Potential Endocrine Disruptors
  - **PHYSICAL HAZARD (REACTIVE)**
    - EU - GHS (H-Statements)
      - H228 - Flammable solid
    - EU - GHS (H-Statements)
      - H250 - Catches fire spontaneously if exposed to air
    - EU - GHS (H-Statements)
      - H261 - In contact with water releases flammable gases

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.001% in the final wallcovering product.
### 2,2’-(3,3’-DICHLOOR(1,1’-BIPHENYL)-4,4’-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE) (2,2’-(3,3’-DICHLOOR(1,1’-BIPHENYL)-4,4’-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE))

**ID:** 5567-15-7  
**%:** Impurity/Residual  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  

**HAZARDS:**  
**AGENCY(IES) WITH WARNINGS:** MULTIPLE
- German FEA - Substances Hazardous to Waters
- Class 3 - Severe Hazard to Waters

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.0005% in the final wallcovering product.

### PROPYLENE GLYCOL (PROPYLENE GLYCOL)

**ID:** 57-55-6  
**%:** Impurity/Residual  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  

**HAZARDS:**  
**AGENCY(IES) WITH WARNINGS:** ENDOCRINE
- TEDX - Potential Endocrine Disruptors
- Potential Endocrine Disruptor

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000183% in the final wallcovering product.

### 2-METHYL-2-METHYLAMINO-1-PROPANOL (2-METHYL-2-METHYLAMINO-1-PROPANOL)

**ID:** 27646-80-6  
**%:** Impurity/Residual  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  

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

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.0002% in the final wallcovering product.

### 1-(1-METHYL-2-PROPOXYETHOXY)PROPAN-2-OL (1-(1-METHYL-2-PROPOXYETHOXY)PROPAN-2-OL)

**ID:** 29911-27-1  
**%:** Impurity/Residual  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  

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

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000125% in the final wallcovering product.

### 2-DIMETHYLAMINOETHANOL (2-DIMETHYLAMINOETHANOL)

**ID:** 108-01-0  
**%:** Impurity/Residual  
**GS:** None  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  

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

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000125% in the final wallcovering product.
**POLYMETHYL METHACRYLATE (PMMA) (POLYMETHYL METHACRYLATE (PMMA))**

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS:  
**RESPIRATORY**  
AOEC - Asthmagens  
Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the vinyl film we purchase. It does not come to us in inhalable form and is present at less than 0.0076% in the final wallcovering product.

**ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) (ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE))**

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: BM-2</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS:  
**MAMMALIAN**  
EU - R-phrases  
R20 - Harmful by Inhalation (gas or vapor or dust/mist)  
R21 - Harmful in Contact with Skin  
R22 - Harmful if Swallowed

**EYE IRRITATION**  
EU - R-phrases  
R36 - Irritating to eyes

**SKIN IRRITATION**  
EU - R-phrases  
R38 - Irritating to skin  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation

**ENDOCRINE**  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

**CANCER**  
MAK  
Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

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HPD v2.1 created via HPDC Builder Page 10 of 15
SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000005% in the final wallcovering product.

### 2-AMINO-2-METHYL-1-PROPANOL (2-AMINO-2-METHYL-1-PROPANOL)

<table>
<thead>
<tr>
<th>%</th>
<th>Impurity/Residual</th>
<th>GS</th>
<th>LT-UNK</th>
<th>RC</th>
<th>None</th>
<th>NANO</th>
<th>No</th>
<th>ROLE</th>
<th>Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

<table>
<thead>
<tr>
<th>EYE IRRITATION</th>
<th>EU - R-phrases</th>
<th>R36 - Irritating to eyes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - R-phrases</td>
<td>R38 - Irritating to skin</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - R-phrases</td>
<td>R52 - Harmful to Aquatic Organisms</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
<tr>
<td>EYE IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H319 - Causes serious eye irritation</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000018% in the final wallcovering product.

### DIPROPYLENE GLYCOL (DIPROPYLENE GLYCOL)

<table>
<thead>
<tr>
<th>%</th>
<th>Impurity/Residual</th>
<th>GS</th>
<th>LT-UNK</th>
<th>RC</th>
<th>None</th>
<th>NANO</th>
<th>No</th>
<th>ROLE</th>
<th>Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found |

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000001% in the final wallcovering product.

### 2-ETHYL-1-HEXANOL (2-ETHYL-1-HEXANOL)

<table>
<thead>
<tr>
<th>%</th>
<th>Impurity/Residual</th>
<th>GS</th>
<th>BM-2</th>
<th>RC</th>
<th>None</th>
<th>NANO</th>
<th>No</th>
<th>ROLE</th>
<th>Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

<table>
<thead>
<tr>
<th>ENDOCRINE</th>
<th>TEDX - Potential Endocrine Disruptors</th>
<th>Potential Endocrine Disruptor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000045% in the final wallcovering product.

### METHANOL (METHANOL)

<table>
<thead>
<tr>
<th>%</th>
<th>Impurity/Residual</th>
<th>GS</th>
<th>BM-1</th>
<th>RC</th>
<th>None</th>
<th>NANO</th>
<th>No</th>
<th>ROLE</th>
<th>Impurity/Residual</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

15oz and 20oz Clean Vinyl Wallcovering with Woven Backing
<table>
<thead>
<tr>
<th>Category</th>
<th>International Standards or Monographs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAMMALIAN</td>
<td>EU - R-phrases</td>
</tr>
<tr>
<td></td>
<td>R23 - Toxic by Inhalation (gas, vapour, dust/mist)</td>
</tr>
<tr>
<td></td>
<td>EU - R-phrases</td>
</tr>
<tr>
<td></td>
<td>R24 - Toxic in Contact with Skin</td>
</tr>
<tr>
<td></td>
<td>EU - R-phrases</td>
</tr>
<tr>
<td></td>
<td>R25 - Toxic if Swallowed</td>
</tr>
<tr>
<td>ORGAN TOXICANT</td>
<td>EU - R-phrases</td>
</tr>
<tr>
<td></td>
<td>R39 - Danger of very serious irreversible effects</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>EU - Reproductive &amp; Developmental Monographs</td>
</tr>
<tr>
<td></td>
<td>Clear Evidence of Adverse Effects - Developmental Toxicity</td>
</tr>
<tr>
<td></td>
<td>CA EPA - Prop 65</td>
</tr>
<tr>
<td></td>
<td>Developmental toxicity</td>
</tr>
<tr>
<td></td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
</tr>
<tr>
<td></td>
<td>OV - GHS (H-Statements)</td>
</tr>
<tr>
<td></td>
<td>H301 - Toxic if swallowed</td>
</tr>
<tr>
<td></td>
<td>OV - GHS (H-Statements)</td>
</tr>
<tr>
<td></td>
<td>H311 - Toxic in contact with skin</td>
</tr>
<tr>
<td></td>
<td>OV - GHS (H-Statements)</td>
</tr>
<tr>
<td></td>
<td>H331 - Toxic if inhaled</td>
</tr>
<tr>
<td>ORGAN TOXICANT</td>
<td>OV - GHS (H-Statements)</td>
</tr>
<tr>
<td></td>
<td>H370 - Causes damage to organs</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
</tr>
<tr>
<td></td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
</tr>
<tr>
<td></td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>Japan - GHS</td>
</tr>
<tr>
<td></td>
<td>Toxic to reproduction - Category 1B</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
</tr>
<tr>
<td></td>
<td>H225 - Highly flammable liquid and vapour</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** This is a contaminant in a supplier raw material and therefore a residual component from the inks we purchase. It is present at less than 0.000025% in the final wallcovering product.

### 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**

- **CERTIFYING PARTY:** Third Party
- **APPLICABLE FACILITIES:** Len-Tex Corporation
- **CERTIFICATION AND COMPLIANCE NOTES:** SCS Indoor Advantage Gold

**VOC EMISSIONS**

**CHPS High Performance Products Database - Low Emitting Material**

- **CERTIFYING PARTY:** Third Party
- **APPLICABLE FACILITIES:** Len-Tex Corporation
- **CERTIFICATION AND COMPLIANCE NOTES:**

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### VOC EMISSIONS

**CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario**

**Certifying Party:** Third Party  
**Applicable Facilities:** Len-Tex Corporation  

**Certification and Compliance Notes:**

**CDPH Standard Method V1.1 (Section 01350/CHPS) - Residential scenario + 2012 Formaldehyde**

**Certifying Party:** Third Party  
**Applicable Facilities:** Len-Tex Corporation  

**Certification and Compliance Notes:**

### MULTI-ATTRIBUTE

**NSF-342: Sustainability Assessment for Wallcoverings - Silver**

**Certifying Party:** Third Party  
**Applicable Facilities:** Len-Tex Corporation  

**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.

**Roman Decorating Adhesives**  
**HPD URL:** No HPD link provided

**Condition When Recommended or Required and/or Other Notes:**

For all installations.

### Section 5: General Notes

All Residuals have been considered, and are inventoried in the above.

### Section 6: References

### Manufacturer Information
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.