Ez-Kleen
by The Mitchell Group

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 596396956672
CLASSIFICATION: 12 05 13 Fabrics
PRODUCT DESCRIPTION: Ez-Kleen™ Environmentally Friendly Vinyl Fabrics The Ez-Kleen™ vinyl products are made from polyvinyl chloride (PVC). These vinyl products are non-porous and highly cleanable. They are durable and resistant to abrasion. The patterns in the Ez-Kleen™ collection are environmentally friendly. They are phthalate-free and do not contain flame-retardant chemicals or anti-microbial additives. All patterns feature the Ez-Kleen™ stain-resistant protective finish. Performance values all meet or exceed standards set by the Association of Contract Textiles (ACT). The patterns come in a variety of looks including solids, embossed, metallic, distressed and weave. Ez-Kleen™ fabrics are ideal for hospitality, contract, and residential applications.

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 Evaluation
- ◉ Completed
- ○ Partially Completed
- ○ Not Completed

Explanation(s) provided :
- ◉ Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized ◉ Yes ○ No
Provided weight and role.

Screened ◉ Yes ○ No
Provided screening results using HPDC-approved methods.

Identified ◉ Yes ○ No
Provided name and CAS RN or other 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.

PRODUCT | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY* GREENSCREEN SCORE | HAZARD TYPE

EZ-KLEEN [PVC SHEET MEMBRANE NoGS **DIOCTYL TEREPHTHALATE (DOTP)** NoGS **CALCIUM CARBONATE FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH 1,3-BUTANEDIOL** NoGS **ANATASE (TIO2)** LT-1 * | CAN **POLYURETHANE HOT MELT ADHESIVE** NoGS **]**

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [Polymers]
Special Conditions applied: [GeologicalMaterial]

This information is provided by the manufacturing facility.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4 Option 2.

Third Party Verified?
- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2024-09-18
PUBLISHED DATE: 2024-09-30
EXPIRY DATE: 2027-09-18

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

EZ-KLEEN

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: No impurities noted, and all test data provided regarding materials used in production.

OTHER PRODUCT NOTES: Ez-Kleen™ Environmentally Friendly Vinyl Fabrics

The Ez-Kleen™ vinyl products are made from polyvinyl chloride (PVC). These vinyl products are non-porous and highly cleanable. They are durable and resistant to abrasion. The patterns in the Ez-Kleen™ collection are environmentally friendly. They are phthalate-free and do not contain flame-retardant chemicals or anti-microbial additives. All patterns feature the Ez-Kleen™ stain-resistant protective finish. Performance values all meet or exceed standards set by the Association of Contract Textiles (ACT). The patterns come in a variety of looks including solids, embossed, metallic, distressed and weave. Ez-Kleen™ fabrics are ideal for hospitality, contract, and residential applications.

PVC SHEET MEMBRANE

ID:

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-09-18 09:35:36**

%: **33.0000 - 39.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** POLYMER ROLE: **Coating**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

POLYMER TYPE: Thermoplastic

AVERAGE MOLECULAR WEIGHT : >10,000 Da

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: This material used as a base coating for the upholstery material.

DIOCTYL TEREPHTHALATE (DOTP)

ID: **4654-26-6**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-09-18 09:35:37**

%: **32.0000 - 39.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** POLYMER ROLE: **Plasticizer**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Some Solvents

POLYMER TYPE: plasticizer

AVERAGE MOLECULAR WEIGHT : >10,000 Da

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: This is used to produce a soft and pliable coating sheet.

CALCIUM CARBONATE

ID: **Geological Material**

HAZARD DATA SOURCE: **HPDC Special Conditions Policy**

%: **12.0000 - 18.0000** GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening is not applicable to this Special Condition	

INGREDIENT DESCRIPTION AND COMPOSITION: Ca 40%, C 12%, O 48%

COUNTRY OF ORIGIN: China

RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.

MATERIAL CONTENT NOTES: This material is used as a filler/extender for the PVC resin.

FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH 1,3-BUTANEDIOL

ID: **113669-95-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-09-18 09:35:37**

%: **8.0000 - 15.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** POLYMER ROLE: **Structure component**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

POLYMER TYPE: Thermoset Fabric

AVERAGE MOLECULAR WEIGHT : >10,000 Da

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: This fabric is used as the base for the PVC coating.

ANATASE (TIO2)

ID: **1317-70-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-09-18 9:35:36**

%: **0.2000 - 2.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
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**
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products

SUBSTANCE NOTES: This is representative of the pigments used to produce the different colors of the vinyl sheet

**Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

POLYURETHANE HOT MELT ADHESIVE

ID:

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-09-18 09:35:37**

%: **0.2000 - 0.9000** GreenScreen: **NoGS** RC: **None** NANO: **No** POLYMER ROLE: **Abrasion resistance**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

POLYMER TYPE: adhesive and top coating for the upholstery material

AVERAGE MOLECULAR WEIGHT : >10,000 Da

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: There is an adhesive component and an abrasive resistant coating component.

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 — **CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:

ISSUE DATE: 2024-09-02 00:00:00
EXPIRY DATE:

CERTIFIER OR LAB: Intertek Testing Services Ltd., Shanghai

CERTIFICATION AND COMPLIANCE NOTES: Material meets requirements of the test.

VOC CONTENT — **CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:

ISSUE DATE: 2024-09-02 00:00:00
EXPIRY DATE:

CERTIFIER OR LAB: Intertek Testing Services, Ltd., Shanghai

CERTIFICATION AND COMPLIANCE NOTES: Material meets requirements of the standard

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.

CLEANING INSTRUCTIONS
MANUFACTURER (OR GENERIC): **Generic**

HPD URL: https://mitchellfauxleathers.com/sf-docs/default-source/care-and-cleaning-guides/ez-kleen-care-and-cleaning.pdf?sfvrsn=8a87e625_2
ACCESSORY TYPE: Other
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Ez-Kleen Care and Cleaning Guide GENERAL CLEANING and MAINTENANCE: To keep your Ez-Kleen faux leather product looking great, it is recommended that a regular cleaning be scheduled to be maintained. Spills and stains should be cleaned up as soon as they appear. Ordinary dirt, smudges, and water-soluble stains such as coffee, tea, juice, soft drinks, milk, beer, and wine can be removed with mild soap and water. Use a clean cloth or soft sponge to gently wipe the stain with soapy water. Don't stop there – it's really important to remove any remaining soap solution by wiping the area with a cloth and clean water, and finally to dry the surface with a soft lint-free cloth or towel. Avoid cleaners containing abrasives, as these can damage the product's coating. A 10:1 ratio of water to bleach solution may be used as a disinfectant. Rinse the surface with clean water after disinfecting. Dry with a soft, lint-free cloth or towel. DIFFICULT STAINS: Although Ez-Kleen performance fabrics are resistant to most common stains, the dyes and pigments in some staining agents can create a permanent stain if not treated properly. To clean difficult stains from Ez-Kleen upholstery use a household cleaner such as Formula 409® All-Purpose Spray Cleaner. After cleaning rinse the area with fresh water then dry with a clean, lint-free cloth. If a ghost stain remains, use a solvent-type cleaner, such as rubbing alcohol (isopropyl alcohol-91%). Rinse the cleaned area with fresh water then dry with a clean, lint-free cloth. SUNLIGHT: Faux leather, like most upholstery fabric, can fade and break down if left sitting in direct sunlight for extended periods. Unless you're using upholstery that's been specifically designed to withstand harsh rays, protect it by keeping it out of direct sunlight. DISCLAIMER: This guide addresses the care and cleaning of the Ez-Kleen collection. The care and cleaning methods covered in the guide will provide the best protection for these products. However, not all stains can be removed, especially if the stains are not addressed immediately. This information does not relieve the user from the responsibility for the correct and safe use of the product and cleaning methods. The Mitchell Group is not responsible for any defect caused by the use of cleaning solutions not included in this guide. Also, the product warranty will be voided if any other cleaning methods are used on this product. This Care and Cleaning Guide supersedes all previous Guides - 05-18-2021.

Section 5: General Notes

Ez-Kleen™ Environmentally Friendly Vinyl Fabrics

The Ez-Kleen™ vinyl products are made from polyvinyl chloride (PVC). These vinyl products are non-porous and highly cleanable. They are durable and resistant to abrasion. The patterns in the Ez-Kleen™ collection are environmentally friendly. They are phthalate-free and do not contain flame-retardant chemicals or anti-microbial additives. All patterns feature the Ez-Kleen™ stain-resistant protective finish. Performance values all meet or exceed standards set by the Association of Contract Textiles (ACT). The patterns come in a variety of looks including solids, embossed, metallic, distressed and weave. Ez-Kleen™ fabrics are ideal for hospitality, contract, and residential applications.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **The Mitchell Group**
ADDRESS: **7040 N. Austin Avenue**
Niles, IL 60714
COUNTRY: **US**

WEBSITE: **www.mitchellfauxleathers.com**
CONTACT NAME: **Jim Blesius**
TITLE: **Director of Marketing**
PHONE: **847-647-7300**
EMAIL: **jim@mitchellfauxleathers.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

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

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown
NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.