

HPD UNIQUE IDENTIFIER: 450020062208

CLASSIFICATION: 12 05 13 Fabrics

PRODUCT DESCRIPTION: Sta-Kleen EPU has been designed for use in upholstered seating (12 52 19), healthcare seating (12 52 70), couches and love seats (12 58 13),reclining chairs (12 58 16 13), upholstered audience seating (12 61 13), Hotel and motel furniture (12 54 13), and restaurant furniture (12 54 83). The Sta-Kleen EPU collection consists of the following patterns: Highwood, Hudson, Lodge, Payson, Pebbles, Thunder Road, Tucson.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
<input type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input type="radio"/> Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>Provided name and CAS RN or other identifier.</i>

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
STA-KLEEN EPU | POLYETHER POLYOL NoGS | POLYETHYLENE TEREPHTHALATE (PET) LT-P1 | POLYCARBONATE LT-UNK | ANATASE (TiO2) LT-1 * | CAN SILSESQUOXANES, ME PH LT-UNK | POLYURETHANE FOAMS LT-UNK |

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [Polymers]

All chemicals used in production are fully reacted in the production process.

*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: 2024-09-20

PUBLISHED DATE: 2024-10-01
EXPIRY DATE: 2027-09-20

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

STA-KLEEN EPU

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: All chemicals used in production are fully reacted in the production process.

OTHER PRODUCT NOTES: This product meets industry coated fabric performance standards but does not contain PFAS, PFOA, formaldehyde, or chemical flame retardants.

POLYETHER POLYOL

ID: 39072-02-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2024-10-01 10:28:27

%: 47.5000 - 49.5000

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: Unknown

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 is used in the coating of the base fabric to give specific properties to the sheet.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2024-10-01 10:30:28

%: 37.0000 - 38.5000

GreenScreen: **LT-P1**

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: Crosslinked thermoset

AVERAGE MOLECULAR WEIGHT : >10,000 Da

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

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 the base fabric used in producing the final product.

POLYCARBONATE

ID: **25037-45-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-10-01 10:32:02**

%: **4.9000 - 6.0000** GreenScreen: **LT-UNK** 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: Unknown

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 is used in the coating of the final product.

ANATASE (TiO2)

ID: **1317-70-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-10-01 10:40:15**

%: **0.0000 - 3.9000** 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 (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products

SUBSTANCE NOTES: This material is representative of the pigments used to color the finished product. The actual pigments are considered proprietary by the manufacturer and are not specifically disclosed.

**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.

SILSESQUIOXANES, ME PH

ID: 67763-03-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-10-01 10:35:48**

%: **0.0000 - 3.9000** GreenScreen: **LT-UNK** 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: Thermoplastic

AVERAGE MOLECULAR WEIGHT : >10,000 Da

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

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 is used in the final coating of the product.

POLYURETHANE FOAMS

ID: 9009-54-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-10-01 10:33:38**

%: **0.0100 - 0.0200** GreenScreen: **LT-UNK** 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: Unknown

ADDITIONAL SUBSTANCES CONSIDERED: Yes

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

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: This material meets all requirements of the specified 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: This material meets all requirements of the specified test

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/sta-kleen-performance-care-and-cleaning.pdf?sfvrsn=8287e625_2

ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Sta-Kleen® Care and Cleaning Guide Sta-Kleen® Performance Fabric is the first erasable urethane fabric that enhances fashion for designers and brings the convenience of easy cleaning to the end-user. Sta-Kleen is the best choice for high-traffic areas where sacrificing beauty for performance simply isn't an option. Whether you're choosing fabrics for a living room or a lobby, a restaurant or a casino, a waiting room or a dining room, Sta-Kleen succeeds where style and elegance are as important as withstanding stains and wear. Cleaning tough stains is a breeze, and Sta-Kleen has staying power – for the life of your furniture. Sta-Kleen is not a topical treatment. It is a permanent application chemically bonded during the manufacturing process. Regular cleanings and the removal of difficult stains will not damage nor diminish Sta-Kleen's finish, performance, or high-style appeal. Day-to-Day Cleaning -- Remove ordinary dirt and smudges with mild soap and water. Dry with a soft, lint-free cloth or towel. The use of conditioners or protectants is not required nor recommended for use on Sta-Kleen upholstery – its cleanability is permanent, and won't wear out. Disinfecting -- 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. Stain Removal -- Upholstery protected with Sta-Kleen is resistant to most common stains. To keep your furniture looking new, stains such as a ballpoint pen can be dry-erased with a clean, lint-free cloth. Gently rub the area until the stain has been removed. Wet or gooeey stains such as food stains (e.g., ketchup) or topical stains (e.g., antiseptics, lotions, and creams) should first be wiped off with a clean cloth or sponge, then follow the instructions above. Stubborn Stains -- If a ghost stain remains, apply a small amount of household rubbing alcohol (91% isopropyl alcohol) to a clean, lint-free cloth and rub the stain until it has been removed. Rinse with a clean, damp cloth, and go! Chemical Cleaners - Sta-Kleen products are used in many commercial applications. The housekeeping crews often use strong chemicals for cleaning and disinfecting surfaces. It is imperative that when these chemical cleaners are used that they are rinsed off with a wet sponge or damp cloth. Blue Jean Dye Resistance - Sta-Kleen creates an invisible barrier to keep the indigo dye from transferring to the upholstery. However, as there are many types of both natural and synthetic dyes used in coloring clothing, we cannot guarantee there will never be any dye transfer. In the unlikely event that any blue jean dye transfer occurs, follow the Stubborn Stains cleaning instructions above. DISCLAIMER: This guide addresses the care and cleaning of Sta-Kleen Performance Fabric. 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. In addition, 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 - 5-18-2021.

Section 5: General Notes

Sta-Kleen EPU is a polyurethane-coated fabric made in a dry manufacturing process. It has been designed for use in upholstered seating (12 52 19), healthcare seating (12 52 70), couches and love seats (12 58 13), reclining chairs (12 58 16 13), upholstered audience seating (12 61 13), Hotel and motel furniture (12 54 13), restaurant furniture (12 54 83) among other applications. The Sta-Kleen EPU collection consists of the following patterns: Bubble, Criss Cross, Highwood, Hudson, Line Up, Lyra, Moire, Payson, Pebbles, Scales, Snake, Thunder Road, and Tucson.

MANUFACTURER INFORMATION

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

WEBSITE: **www.mitchellfauxleathers.com**
 CONTACT NAME: **Jim Blesius**
 TITLE: **Director of Marketing**
 PHONE: **877-647-7301**
 EMAIL: **info@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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

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

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

