

CLASSIFICATION: NA

created via: HPDC Online Builder

PRODUCT DESCRIPTION: POLYURETHANE UPHOLSTERY FABRIC MADE FROM A POLYCARBONATE RESIN SYSTEM 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 PC collection consists of the following patterns: Butte, Galaxy, Donegal, Matrix, Natural, Paris, Pyramid, Sammie, Sparkle, Sawcut.

**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

*Are All Substances Above the Threshold Indicated:*

**Characterized**  
*Percent Weight and Role Provided?*

- Yes  No

**Screened**  
*Using Priority Hazard Lists with Results Disclosed?*

- Yes  No

**Identified**  
*Name and Identifier Provided?*

- Yes  No

**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**

STA-KLEEN POLYCARBONATE [ POLYCARBONATE **LT-UNK**  
POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** LIGNIN **NoGS** PIGMENTS  
**LT-UNK** POLYURETHANE **LT-UNK** SILICON **LT-UNK** ]

Number of Greenscreen BM-4/BM3 contents.....  
0  
Contents highest concern GreenScreen  
Benchmark or List translator Score..... LT-UNK  
Nanomaterial..... No

**INVENTORY AND SCREENING NOTES:**

Information provided by manufacturing facility.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** *See Section 3 for additional listings.*

Formaldehyde content: JIS L 1041-2011; Section 8.1.4 Method B  
Other: CPSIA Section 108 - Pthalate Content  
Other: CPSC Section 101(a)(2) - Lead in accessible substrate materials

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1 and Option 2

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2018-03-12  
PUBLISHED DATE: 2018-03-13  
EXPIRY DATE: 2021-03-12

## 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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### STA-KLEEN POLYCARBONATE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Raw materials considered to be fully reacted or consumed in the process of manufacturing this product.

OTHER PRODUCT NOTES: Information provided by manufacturing facility.

#### POLYCARBONATE

ID: 25037-45-0

#: **54.5000 - 58.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Provided by manufacturing facility

#### POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

#: **38.5000 - 41.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Base fabric**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Provided by manufacturing facility

#### LIGNIN

ID: 86855-54-1

#: **1.9000 - 2.5000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **padding**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Information provided by manufacturing facility.

#### PIGMENTS

ID: 51274-00-1

#: **1.3000 - 2.8000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **colorant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Various pigments combined in appropriate quantities to obtain the desired color. CAS number given is representative of the pigments used in this product as the exact formulation is considered proprietary by the manufacturer.

### POLYURETHANE

ID: 9009-54-5

%: **0.0070 - 0.0190** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stain resistant top coat**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Information provided by the manufacturer.

### SILICON

ID: 7440-21-3

%: **0.0015 - 0.0025** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stain resistant top coat**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Information provided by manufacturing facility

## 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.*

### FORMALDEHYDE CONTENT

### JIS L 1041-2011; Section 8.1.4 Method B

CERTIFYING PARTY: Self-declared  
APPLICABLE FACILITIES: All  
CERTIFICATE URL:

ISSUE DATE: 2017-08-17  
EXPIRY DATE:

CERTIFIER OR LAB: SGS North America

CERTIFICATION AND COMPLIANCE NOTES: ND @ 16 mg/kg level

### OTHER

### CPSIA Section 108 - Pthalate Content

CERTIFYING PARTY: Self-declared  
APPLICABLE FACILITIES: All  
CERTIFICATE URL:

ISSUE DATE: 2017-08-17  
EXPIRY DATE:

CERTIFIER OR LAB: SGS North America

CERTIFICATION AND COMPLIANCE NOTES: CIPSA Section 108 - Pthalate Content : Pass

CERTIFYING PARTY: Self-declared  
 APPLICABLE FACILITIES: All  
 CERTIFICATE URL:

ISSUE DATE: 2017-08-18  
 EXPIRY DATE:

CERTIFIER OR LAB: SGS North America

CERTIFICATION AND COMPLIANCE NOTES: CPSC Test Method: CPSC-CH-E1002-08.1 "Standard Operation Procedure for Determining Total Lead(PB) in Non-Metal Children Product" Pass ND @ 0.002%

## + 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

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Day-to-Day Cleaning -- Remove ordinary dirt and smudges with mild soap and water. A 5:1 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. The use of conditioners or protectants is not required nor recommended for use on Sta-Kleen PC upholstery – its cleanability is permanent, and won't wear out. Stain Removal -- Upholstery protected with Sta-Kleen PC is resistant to most common stains. To keep furniture looking new, stains such as ballpoint pen can be dry-erased with a clean, lint-free cloth. Gently rub the area until the stain has been removed. Wet or gooey stains such as food stains (e.g., ketchup or jelly) or topical stains (e.g., antiseptics, lotions and cream) wipe first 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 (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!

## 📄 Section 5: General Notes

All raw materials used in the production of these products were assumed to be fully utilized or consumed in the production of these products.

## 👁️ Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **The Mitchell Group**  
 ADDRESS: **7040 N. Austin Avenue**  
**Niles IL 60714, US**  
 WEBSITE: **www.mitchellfauxleathers.com**

CONTACT NAME: **Jim Blesius**  
 TITLE: **Director of Marketing**  
 PHONE: **8476477300**  
 EMAIL: **jim@mitchellfauxleathers.com**

### KEY

STA-KLEEN POLYCARBONATE  
 hpdrepository.hpd-collaborative.org

## 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

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*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.*