

HPD UNIQUE IDENTIFIER: 135848557568  
CLASSIFICATION: 12 52 23 Office Seating  
PRODUCT DESCRIPTION: Snap Knit 6019, Swerve Knit 6021, Bungee Knit 6023, Zoom Knit 6025

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

|                                                                                                                                     |                                                                                                                                                                           |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inventory Reporting Format</b><br><input checked="" type="radio"/> Nested Materials Method<br><input type="radio"/> Basic Method | <b>Threshold Level</b><br><input checked="" type="radio"/> 100 ppm<br><input type="radio"/> 1,000 ppm<br><input type="radio"/> Per GHS SDS<br><input type="radio"/> Other | <b>Residuals/Impurities Evaluation</b><br>Completed in 1 of 1 Materials<br><br><b>Explanation(s) provided for Residuals/Impurities?</b><br><input checked="" type="radio"/> Yes <input type="radio"/> No | <i>For all contents above the threshold, the manufacturer has:</i><br><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided weight and role.</i><br><b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided screening results using HPDC-approved methods.</i><br><b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided name and CAS RN or other identifier.</i> |
| <b>Threshold Disclosed Per</b><br><input checked="" type="radio"/> Material<br><input type="radio"/> Product                        |                                                                                                                                                                           |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

IFR XOREL [ POLYETHYLENE LT-UNK POLYPROPYLENE LT-P1  
ANTIMONY TRIOXIDE BM-1 | MUL | CAN | SKI | EYE | MAM | AQU 1,3-  
PROPANEDIAMINE, N1,N1'-1,2-ETHANEDIYLBIS-, POLYMER WITH  
2,4,6-TRICHLORO-1,3,5-TRIAZINE, REACTION PRODUCTS WITH N-  
BUTYL-2,2,6,6-TETRAMETHYL-4-PIPERIDINAMINE LT-P1 | MUL ]

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

INVENTORY AND SCREENING NOTES:

Unbacked, X-Protect Sit™

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

☐ Yes  
☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2023-11-13  
PUBLISHED DATE: 2023-11-13  
EXPIRY DATE: 2026-11-13

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](http://www.hpd-collaborative.org/hpd-2-3-standard)

|                                                                            |                                                   |                                   |
|----------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------|
| IFR XOREL                                                                  | %: 100.0000 - 100.0000                            |                                   |
| MATERIAL THRESHOLD: 100 ppm                                                | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Polymeric Material |
| RESIDUALS AND IMPURITIES NOTES: THERE ARE NO KNOWN RESIDUALS OR IMPURITIES |                                                   |                                   |
| OTHER MATERIAL NOTES:                                                      |                                                   |                                   |

POLYETHYLENE

ID: 9002-88-4

|                                                                  |                            |                 |                                                  |                                          |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2023-11-13 7:22:23</b> |                                          |
| %: <b>100.0000 - 100.0000</b>                                    | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Textile component</b> |
| 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     |                                          |
| SUBSTANCE NOTES:                                                 |                            |                 |                                                  |                                          |

POLYPROPYLENE

ID: 9003-07-0

|                                                                  |                           |                                                |                                                  |                                          |
|------------------------------------------------------------------|---------------------------|------------------------------------------------|--------------------------------------------------|------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                                                | HAZARD SCREENING DATE: <b>2023-11-13 7:22:23</b> |                                          |
| %: <b>5.0000 - 5.0000</b>                                        | GreenScreen: <b>LT-P1</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Textile component</b> |
| 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   |                                                  |                                          |
| SUBSTANCE NOTES: 100% IFR Xorel                                  |                           |                                                |                                                  |                                          |

ANTIMONY TRIOXIDE

ID: 1309-64-4

|                                                           |                   |          |                                           |                                 |
|-----------------------------------------------------------|-------------------|----------|-------------------------------------------|---------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2023-11-13 7:22:23 |                                 |
| %: 1.0000 - 2.0000                                        | GreenScreen: BM-1 | RC: None | NANO: No                                  | SUBSTANCE ROLE: Flame retardant |

| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |
|-------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| MUL         | ChemSec - SIN List                        | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                                                                      |
| CAN         | CA EPA - Prop 65                          | Carcinogen                                                                                                                                                |
| CAN         | IARC                                      | Group 2b - Possibly carcinogenic to humans                                                                                                                |
| CAN         | MAK                                       | Carcinogen Group 2 - Considered to be carcinogenic for man                                                                                                |
| CAN         | US NIH - Report on Carcinogens            | Reasonably Anticipated to be Human Carcinogen                                                                                                             |
| CAN         | IARC                                      | Group 2a - Agent is probably Carcinogenic to humans                                                                                                       |
| CAN         | GHS - Japan                               | H350 - May cause cancer [Carcinogenicity - Category 1B]                                                                                                   |
| CAN         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| SKI         | GHS - New Zealand                         | Skin irritation category 2                                                                                                                                |
| EYE         | GHS - New Zealand                         | Eye irritation category 2                                                                                                                                 |
| CAN         | GHS - New Zealand                         | Carcinogenicity category 2                                                                                                                                |
| MAM         | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM         | GHS - New Zealand                         | Specific target organ toxicity - repeated exposure category 1                                                                                             |
| CAN         | EU - Annex VI CMRs                        | Carcinogen Category 2 - Suspected human Carcinogen                                                                                                        |
| MAM         | GHS - Japan                               | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]                                       |
| SKI         | GHS - Korea                               | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]                                                                   |
| AQU         | GHS - Korea                               | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| CAN         | GHS - Australia                           | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| CAN         | GHS - Korea                               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |

| ADDITIONAL LISTINGS                                                                         | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                         |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST                                                                             | Perkins+Will (P+W)                                       | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance                                                           |
| RESTRICTED LIST                                                                             | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST                                                                             | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST                                                                             | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |
| RESTRICTED LIST                                                                             | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Certain Metals                                                                                          |
| SUBSTANCE NOTES: OPTIONAL FR ADDITIVE ADDED TO POLYMER MASTER BATCH PRIOR TO YARN EXTRUSION |                                                          |                                                                                                                                                      |

1,3-PROPANEDIAMINE, N1,N1'-1,2-ETHANEDIYLBIS-, POLYMER WITH 2,4,6-TRICHLORO-1,3,5-TRIAZINE, REACTION PRODUCTS WITH N-BUTYL-2,2,6,6-TETRAMETHYL-4-PIPERIDINAMINE

ID: 136504-96-6

|                                                                  |                                                          |                 |                                                                                             |                                              |
|------------------------------------------------------------------|----------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------|----------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                          |                 | HAZARD SCREENING DATE: <b>2023-11-13 7:22:24</b>                                            |                                              |
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-P1</b>                                | RC: <b>None</b> | NANO: <b>No</b>                                                                             | SUBSTANCE ROLE: <b>Heat or UV stabilizer</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                                     |                 | WARNINGS                                                                                    |                                              |
| MUL                                                              | German FEA - Substances Hazardous to Waters              |                 | Class 2 - Hazard to Waters                                                                  |                                              |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                                     |                 | NOTIFICATION                                                                                |                                              |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CP II) |                 | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                              |
|                                                                  |                                                          |                 | Core Restrictions                                                                           |                                              |
| SUBSTANCE NOTES: UV STABILIZER                                   |                                                          |                 |                                                                                             |                                              |

### 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: 2023-05-01                                  | CERTIFIER OR LAB: SCS |
| APPLICABLE FACILITIES: ALL FACILITIES                                                                                                                                                                                 |  | EXPIRY DATE: 2024-05-01                                 | GLOBAL                |
| CERTIFICATE URL:<br><a href="https://www.scs-certified.com/products/cert_pdfs/CarnegieFabrics_2020_SCS-IAQ-01468_s.pdf">https://www.scs-certified.com/products/cert_pdfs/CarnegieFabrics_2020_SCS-IAQ-01468_s.pdf</a> |  |                                                         |                       |
| CERTIFICATION AND COMPLIANCE NOTES: 3RD PARTY                                                                                                                                                                         |  |                                                         |                       |

### 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.*

No accessories are required for this product.

### Section 5: General Notes

Snap Knit 6019, Swerve Knit 6021, Bungee Knit 6023, Zoom Knit 6025

## MANUFACTURER INFORMATION

MANUFACTURER: **carnegie fabrics**  
 ADDRESS: **110 north center avenue**  
**Rockville Centre, New York 11570**  
 COUNTRY: **United States**

WEBSITE: **<https://carnegiefabrics.com/>**  
 CONTACT NAME: **CHARLES GRIFFIN**  
 TITLE: **DIRECTOR**  
 PHONE: **5166786770**  
 EMAIL: **cgriffin@carnegiefabrics.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

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

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b> Substances listed within each material per threshold indicated per product   |
| <b>Basic Method / Product Threshold</b> 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*

