

HPD UNIQUE IDENTIFIER: 1120237568  
CLASSIFICATION: 12 52 23 Office Seating  
PRODUCT DESCRIPTION: KIN603U3

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

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

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
KIN SHELL [ POLYPROPYLENE (PRIMARY CASRN IS 9003-07-0) LT-P1 ] POLYURETHANE FOAMS LT-UNK STEEL NoGS UREA FORMALDEHYDE FOAM NoGS CASTING [ ALUMINUM BM-1 ] END | PHY | MAM ] LEGS [ ASH NoGS POLYPROPYLENE (PRIMARY CASRN IS 9003-07-0) LT-P1 ] FABRIC [ SHEEPS WOOL NoGS NYLON 6 (WITH STAIN RESISTANCE) LT-UNK ]

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

Certificates / Data Sheets available on request for fabric, foam and FSC

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 - Formaldehyde Free + Residential  
VOC emissions: Inherently non-emitting source per LEED  
VOC emissions: Inherently non-emitting source per LEED  
VOC emissions: Inherently non-emitting source per LEED

CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2023-07-10
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2023-10-10
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2026-07-10

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

KIN SHELL		%: 53.7000	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.			
OTHER MATERIAL NOTES: this is the main body of the chair			

POLYPROPYLENE (PRIMARY CASRN IS 9003-07-0)					ID: 796853-32-2
HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>2023-07-19 3:30:11</b>		
%: <b>91.0000</b>	GreenScreen: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure 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: Content of recycled material unknown					

POLYURETHANE FOAMS					ID: 9009-54-5
HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>2023-07-10 6:14:03</b>		
%: <b>3.0000</b>	GreenScreen: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure 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:					

STEEL				ID: 12597-69-2
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-07-19 3:24:09		

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: Content of recycled material unknown		

UREA FORMALDEHYDE FOAM

ID: 64869-57-4

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>2023-07-19 3:32:03</b>	
%: <b>3.0000</b>	GreenScreen: <b>NoGS</b>	RC: <b>UNK</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Cushioning</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	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautionary List	
			Precautionary list of substances recommended for avoidance	
SUBSTANCE NOTES: Content of recycled material unknown				

CASTING

%: 20.9000

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.		
OTHER MATERIAL NOTES: Base if chair		

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-07-19 3:21:27

%: 99.0000

GreenScreen: BM-1

RC: UNK

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
PHY	GHS - New Zealand	Flammable solids category 1
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]
PHY	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - New Zealand	Pyrophoric solids category 1
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
		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
		Children's Products

SUBSTANCE NOTES: Content of recycled material unknown

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.

OTHER MATERIAL NOTES: .

ASH

ID: Not registered

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-07-13 3:31:37

%: 92.0000

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE 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

SUBSTANCE NOTES:

POLYPROPYLENE (PRIMARY CASRN IS 9003-07-0)

ID: 796853-32-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-07-19 3:22:49

%: 8.0000

GreenScreen: LT-P1

RC: UNK

NANO: No

SUBSTANCE 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

SUBSTANCE NOTES: Content of recycled material unknown

FABRIC

%: 4.8200

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Other: Fabric

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.

OTHER MATERIAL NOTES:

SHEEPS WOOL				ID: <b>Not registered</b>	
HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>2023-07-13 1:20:21</b>		
%: <b>92.0000</b>	GreenScreen: <b>NoGS</b>	RC: <b>UNK</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: content of recycled material unknown					

NYLON 6 (WITH STAIN RESISTANCE)				ID: 25038-54-4	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-07-13 1:22:21		
%: 8.0000	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Textile 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		
SUBSTANCE NOTES: content of recycled material unknown					

*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 - Formaldehyde Free + Residential	
CERTIFYING PARTY: Second Party		ISSUE DATE: 2022-09-01 00:00:00	CERTIFIER OR LAB: ANAB
APPLICABLE FACILITIES: Textiles: 24/7 Flax, Advantage, Aquarius, Armadillo, Aspect, Blazer, Blazer Lite, Canopy, Cara, Carlow, Chicago, Corrosion, Craggan, Craggan Flax, Era, Era 170, Gravity, Hebden, Hemp, Honeycomb, Individuo, Kyoto, Landscape Balance, Landscape Contact, Lucia, Lucia CS, Main Line Flax, Main Line Flax Stripe, Main Line Twist, Manhattan, Nettle Aztec, Nexus, Oceanic, Patina, Phoenix, Q215 (Added: January 17, 2023), Q216 (Added: January 17, 2023), Q217 (Added: January 17, 2023), Q218 (Added: January 17, 2023), Q219 (Added: January 17, 2023), Q220 (Added: January 17, 2023), Q221 (Added: January 17, 2023), Quest, RePlay (Added: January 17, 2023), Revolution (Added: January 17, 2023), Rivet, Silk, Sonus, Sonus Etch, Sprint, Sumi, Synergy, Synergy 170, Target, Track, X2, Xtreme, Xtreme CS, Yoredale, Zap		EXPIRY DATE: 2023-08-31 00:00:00	
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Indoor Air Quality Certified to SCS-EC10.3-2014 v4.1 Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2021) and ANSI/BIFMA e.3.-2019 (Credits 7.6.1, 7.6.2, 7.6.3) for seating parameters.1 Also, conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for seating1 , school classroom 2,3, and private office3 parameters. 1 Modeled as Office Seating 2 Modeled as Pupil Seating 3 Modeled as Wallcovering Registration # SCS-IAQ-05502a Valid from: September 1, 2022 to August 31, 2023			
VOC EMISSIONS		Inherently non-emitting source per LEED	
CERTIFYING PARTY: Self-declared		ISSUE DATE: 2023-07-13 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: All		EXPIRY DATE:	
CERTIFICATE URL: file:///sencifs01/User-Shares/HomeFolders/csha/Downloads/163640-64acabe8_HPD_2968_SHPD-certificate.pdf			
CERTIFICATION AND COMPLIANCE NOTES: HPDC completed by supplier for this product.			
VOC EMISSIONS		Inherently non-emitting source per LEED	
CERTIFYING PARTY: Self-declared		ISSUE DATE: 2023-07-13 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: All		EXPIRY DATE: 2025-12-31 00:00:00	
CERTIFICATE URL: file:///sencifs01/User-Shares/HomeFolders/csha/Downloads/911116-64ac9d24_E_2968_SEU-Ecolabel-certificate.pdf			
CERTIFICATION AND COMPLIANCE NOTES: EU Ecolabel certificate			
VOC EMISSIONS		Inherently non-emitting source per LEED	
CERTIFYING PARTY: Self-declared		ISSUE DATE: 2023-07-13 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: All		EXPIRY DATE:	
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: EPDDANMARK			
SUSTAINABLE FORESTRY		FSC Certification - Chain of Custody (COC)	
CERTIFYING PARTY: Second Party		ISSUE DATE: 2022-05-31 00:00:00	CERTIFIER OR LAB: FSC-C11233
APPLICABLE FACILITIES: CIRTIFICATE AVAILABLE ON REQUEST.		EXPIRY DATE: 2027-05-30 00:00:00	
CERTIFICATE URL:			
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.*

No accessories are required for this product.

## Section 5: General Notes

certifications referenced are from part suppliers to show emissions are below required levels for VOCs.  
Documents are available upon request.



## MANUFACTURER INFORMATION

MANUFACTURER: **The Senator Group**  
ADDRESS: **The Senator Group**  
**Altham Business Park, Sykeside Drive**  
**Accrington, Lancashire BB5 5YE**  
COUNTRY: **United Kingdom**

WEBSITE: **WWW.THESENATORGROUP.COM**  
CONTACT NAME: **KIRK MARSDEN**  
TITLE: **MR**  
PHONE: **01282725000**  
EMAIL: **kmarsden@thesenatorgroup.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

**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*

