

# 100 Series folding chair by KI

CLASSIFICATION: 12 52 00.00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: KI's 100 Series folding chair is an all-purpose seating solution that delivers optimum quality for a minimum price.

## 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.

Number of Greenscreen BM-4/BM3 contents..... 0  
Contents highest concern GreenScreen  
Benchmark or List translator Score..... LT-1  
Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

100 SERIES FOLDING CHAIR [ STEEL (STEEL) NoGS POLYESTER (POLYESTER) NoGS BARIUM SULFATE (BARIUM SULFATE) BM-2 | CAN ACRYLONITRILE -METHYL-METHACRYLATE -VINYLIDENE CHLORIDE COPOLYMER (ACRYLONITRILE -METHYL-METHACRYLATE -VINYLIDENE CHLORIDE COPOLYMER) LT-P1 | END POLYPROPYLENE (POLYPROPYLENE) LT-UNK CARBON BLACK (CARBON BLACK) LT-1 | CAN BENZENE-1,2,4,5-TETRACARBOXYLIC ACID, COMPOUND WITH 4,5-DIHYDRO-2-PHENYL-1H-IMIDAZOLE (1:2) (BENZENE-1,2,4,5-TETRACARBOXYLIC ACID, COMPOUND WITH 4,5-DIHYDRO-2-PHENYL-1H-IMIDAZOLE (1:2)) LT-P1 | MUL BENZOIN (BENZOIN) LT-P1 | MUL 2-PROPENOIC ACID, BUTYL ESTER, HOMOPOLYMER (2-PROPENOIC ACID, BUTYL ESTER, HOMOPOLYMER) LT-UNK FERRIC OXIDE YELLOW (FERRIC OXIDE YELLOW) LT-UNK PARAFFIN (PARAFFIN) LT-UNK ]

### 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  
Multi-attribute: BIFMA Furniture Sustainability Level 2 (e3-2014)

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2017-11-13  
PUBLISHED DATE: 2017-11-13  
EXPIRY DATE: 2020-11-13

## 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)

### 100 SERIES FOLDING CHAIR

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Requested chemical information down to 100ppm.

OTHER PRODUCT NOTES:

#### STEEL (STEEL)

ID: 12597-69-2

#: 95.5800 GS: NoGS RC: None NANO: No ROLE: Frame

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Frame

#### POLYESTER (POLYESTER)

ID: 113669-95-7

#: 1.3600 GS: NoGS RC: None NANO: No ROLE: Resin for pain

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Resin for paint

#### BARIUM SULFATE (BARIUM SULFATE)

ID: 7727-43-7

#: 1.3200 GS: BM-2 RC: None NANO: No ROLE: Paint ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Paint ingredient

#### ACRYLONITRILE -METHYL-METHACRYLATE -VINYLIDENE CHLORIDE COPOLYMER (ACRYLONITRILE -METHYL-METHACRYLATE -VINYLIDENE CHLORIDE COPOLYMER)

ID: 25036-25-3

#: **0.9400** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Epoxy resin**

HAZARDS: AGENCY(IES) WITH WARNINGS:  
ENDOCRINE EU - Priority Endocrine Disrupters Category 1 - In vivo evidence of Endocrine Disruption Activity

SUBSTANCE NOTES: Epoxy in paint

**POLYPROPYLENE (POLYPROPYLENE)** ID: **9003-07-0**

#: **0.6500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Plastic caps**

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Plastic foot caps

**CARBON BLACK (CARBON BLACK)** ID: **1333-86-4**

#: **0.0500** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS: AGENCY(IES) WITH WARNINGS:  
CANCER US CDC - Occupational Carcinogens Occupational Carcinogen  
CANCER CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route  
CANCER IARC Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources  
CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Adhered to frame via paint - not in respirable form

**BENZENE-1,2,4,5-TETRACARBOXYLIC ACID, COMPOUND WITH 4,5-DIHYDRO-2-PHENYL-1H-IMIDAZOLE (1:2)** ID: **54553-91-2**  
**(BENZENE-1,2,4,5-TETRACARBOXYLIC ACID, COMPOUND WITH 4,5-DIHYDRO-2-PHENYL-1H-IMIDAZOLE (1:2))**

#: **0.0400** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Hardener**

HAZARDS: AGENCY(IES) WITH WARNINGS:  
MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: Paint hardener

**BENZOIN (BENZOIN)**

ID: 119-53-9

#: <b>0.0200</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>degassing agent</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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SUBSTANCE NOTES: Paint degassing agent

**2-PROPENOIC ACID, BUTYL ESTER, HOMOPOLYMER (2-PROPENOIC ACID, BUTYL ESTER, HOMOPOLYMER)**

ID: 9003-49-0

#: <b>0.0200</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>flow agent</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: paint flow agent

**FERRIC OXIDE YELLOW (FERRIC OXIDE YELLOW)**

ID: 51274-00-1

#: <b>0.0100</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Paint ingredient</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Paint ingredient

**PARAFFIN (PARAFFIN)**

ID: 8002-74-2

#: <b>0.0100</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Wax</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Wax

**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**

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: Bonduel, WI  
CERTIFICATE URL:  
[https://www.scs-certified.com/products/cert\\_pdfs/KI\\_2017\\_SCS-IAQ-03102\\_s4.pdf](https://www.scs-certified.com/products/cert_pdfs/KI_2017_SCS-IAQ-03102_s4.pdf)

ISSUE DATE: 2017-06-02

EXPIRY DATE:  
2018-06-01

CERTIFIER OR LAB: SCS  
Global Services

CERTIFICATION AND COMPLIANCE NOTES:

## MULTI-ATTRIBUTE

## BIFMA Furniture Sustainability Level 2 (e3-2014)

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: Bonduel, WI  
CERTIFICATE URL:  
[https://www.scs-certified.com/products/cert\\_pdfs/KI\\_2016\\_SCS-SCF-03500\\_s4.pdf](https://www.scs-certified.com/products/cert_pdfs/KI_2016_SCS-SCF-03500_s4.pdf)

ISSUE DATE: 2015-12-16

EXPIRY DATE:  
2018-12-15

CERTIFIER OR LAB: SCS  
Global Services

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

## 👁️ Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **KI**  
ADDRESS: **1330 Bellevue Street**  
**Green Bay WI 54302, United States**  
WEBSITE: **www.ki.com**

CONTACT NAME: **Lisa Kaster**  
TITLE: **Sustainability Manager**  
PHONE: **920-406-3533**  
EMAIL: **[lisa.kaster@ki.com](mailto:lisa.kaster@ki.com)**

### KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

## 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.*