

CLASSIFICATION: 12 52 00.00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Shake up the learning space! Ruckus innovative seating promotes student movement and lets users choose how they relate to their learning spaces. The Ruckus collection fosters student engagement, enables a wide range of teaching styles and adapts to a variety of users and uses. With Ruckus chairs, users can quickly and easily change from focused to collaborative work on the fly without the disruption of rearranging furniture. Seating is non-directional to improve sight lines, and the chair back is perch-able to facilitate tiered classrooms without the need for stools.

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..... 1
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-1
Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

RUCKUS | STEEL (STEEL) **NoGS** POLYPROPYLENE (POLYPROPYLENE)
LT-UNK POLYESTER (POLYESTER) **NoGS** BARIUM SULFATE (BARIUM SULFATE) **BM-2** | CAN SORBITAN, TRI-9-OCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS., EO 15 AND 20 MOL (SORBITAN, TRI-9-OCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS., EO 15 AND 20 MOL) **LT-UNK** WHITE MINERAL OIL (WHITE MINERAL OIL) **LT-UNK** C.I. PIGMENT BLUE 15 (C.I. PIGMENT BLUE 15) **BM-3** CARBON BLACK (CARBON BLACK) **LT-1** | CAN TITANIUM DIOXIDE (TITANIUM DIOXIDE) **LT-1** | CAN | END ACRYLONITRILE -METHYL-METHACRYLATE -VINYLIDENE CHLORIDE COPOLYMER (ACRYLONITRILE -METHYL-METHACRYLATE -VINYLIDENE CHLORIDE COPOLYMER) **LT-P1** | END]

INVENTORY AND SCREENING NOTES:

Residuals were considered. Requested chemical info down to 100 ppm.

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-11-16

PUBLISHED DATE: 2017-11-16

EXPIRY DATE: 2020-11-16

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

RUCKUS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Chemicals were requested from suppliers down to 100 ppm and included as an ingredient.

OTHER PRODUCT NOTES:

STEEL (STEEL)

ID: 12597-69-2

#: 79.6000 GS: NoGS RC: None NANO: No ROLE: Frame and hardware

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Chair frame and hardware

POLYPROPYLENE (POLYPROPYLENE)

ID: 9003-07-0

#: 19.5400 GS: LT-UNK RC: None NANO: No ROLE: Plastic seat

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Seat and back - plastic

POLYESTER (POLYESTER)

ID: 113669-95-7

#: 0.2500 GS: NoGS RC: None NANO: No ROLE: Polyester resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Powdercoat paint for frame

BARIUM SULFATE (BARIUM SULFATE)

ID: 7727-43-7

#: 0.2400 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: Powdercoat paint for frame

SORBITAN, TRI-9-OCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS., EO 15 AND 20 MOL (SORBITAN, TRI-9-OCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS., EO 15 AND 20 MOL)

ID: 9005-70-3

#: **0.0700** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Paint ingredient**

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

SUBSTANCE NOTES: Plastic colorant ingredient

WHITE MINERAL OIL (WHITE MINERAL OIL)

ID: 8042-47-5

#: **0.0440** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Paint ingredient**

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

SUBSTANCE NOTES: Plastic colorant ingredient

C.I. PIGMENT BLUE 15 (C.I. PIGMENT BLUE 15)

ID: 147-14-8

#: **0.0220** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Paint ingredient**

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

SUBSTANCE NOTES: Plastic colorant ingredient

CARBON BLACK (CARBON BLACK)

ID: 1333-86-4

#: **0.0200** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Paint ingredient**

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: Frame and plastic colorant ingredient - adhered to part and is not respirable.

TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: **13463-67-7**

#: 0.0200	GS: LT-1	RC: None	NANO: No	ROLE: Paint ingredient
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		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		

SUBSTANCE NOTES: Plastic colorant ingredient

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

ID: **25036-25-3**

#: 0.0200	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: Powdercoat paint for frame

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	ISSUE DATE: 2017-06-02	EXPIRY DATE: 2018-06-01	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Green Bay, WI			
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/KI_2017_SCS-			

+ 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

Disassembly instructions for Ruckus are available at <http://datahub.ki.com:8081/KiPortal/documents/download/KI-DI-000006>

👁️ 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: **9204063533**

EMAIL: **lisa.kaster@ki.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals 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)

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)

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

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.