

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Vitra International AG

Klünenfeldstrasse 22, Birsfelden, BL, Switzerland

For the following product(s):

Office Seating:

ID Trim

Screening Date: 1/25/2019

Verification # qGE-6798

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

Verified Health Product Declaration

This validation conforms to the Health Product Declaration Open Standard, Version 2.1.1 (July 2, 2018). Products have a complete, basic method, product threshold HPD and have been validated for health hazard warnings using full disclosure at an inventory threshold of 100 ppm (0.01%).

Registration # SCS-HPD-05398

Valid from: March 26, 2019 to January 25, 2022



A handwritten signature in black ink that reads 'Stanley Mathuram'.

Stanley Mathuram, PE, Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

CLASSIFICATION: 12 52 23 Office Seating

PRODUCT DESCRIPTION: With its compact padding, the backrest of the ID Trim office chair conveys a sense of classic elegance and quality craftsmanship. The sandwich construction with integrated lumbar support provides the comfort of an upholstered backrest while being almost as slim as a mesh backrest – offering an alternative to both of these construction types for office chair backrests.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

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

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

All substances disclosed by Name (Specific or Generic) and Identifier.

Threshold Disclosed Per

- Material
- 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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

**ID TRIM [3003-H14 ALUMINUM LT-P1 | RES | PHY | END NYLON 6 LT-UNK
STEEL MANUFACTURE, CHEMICALS LT-UNK POLYURETHANE FOAMS
LT-UNK FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN.
RESIDUES, ESTERS WITH AMMONIA-ETHYLENE OXIDE REACTION
PRODUCT DISTN. RESIDUES, COMPDS. WITH DIETHYLENETRIAMINE
AND TRIETHYLENETETRAMINE NoGS ACRYLONITRILE-BUTADIENE-
STYRENE COPOLYMER LT-UNK POLYPROPYLENE LT-UNK
THERMOPLASTIC ELASTOMER NoGS]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen

Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The VITRA team worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by working with EPD information that was provided by the VITRA team and their EPD verifier, SCS Global.

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: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: ToxServices LLC
VERIFIER: SCS Global Services
VERIFICATION #: qGE-6798

SCREENING DATE: 2019-01-07
PUBLISHED DATE: 2019-03-26
EXPIRY DATE: 2022-01-07



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

ID TRIM

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The VITRA team worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by working with EPD information that was provided by the VITRA team and their EPD verifier, SCS Global.

OTHER PRODUCT NOTES:

3003-H14 ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-07

#: 40.6900 - 40.6900

GS: LT-P1

RC: PostC

NANO: No

ROLE: Base; Armrests and Mechanics Alloy

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The aluminum is 95% post-consumer recycled and 5% virgin.

NYLON 6

ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-07

#: 33.4200 - 33.4200

GS: LT-UNK

RC:

None

NANO:

No

ROLE: Seat Backing Component; Casters; Mechanics; Seat; Armrests; Seat and lumbar support; Adjustment and Gas Spring Components

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

STEEL MANUFACTURE, CHEMICALS

ID: 65997-19-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-07**

#: **16.0400 - 16.0400** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wheel Casters; Back; Armrests; Seat and Lumbar; Gas Spring and Screws Alloy**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	*3rd Party Screened*

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

POLYURETHANE FOAMS

ID: 9009-54-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-07**

#: **6.6800 - 6.6800** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Seat Backing; Armrests and Seat Cushion Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	*3rd Party Screened*

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH AMMONIA-ETHYLENE OXIDE REACTION PRODUCT DISTN. RESIDUES, COMPS. WITH DIETHYLENETRIAMINE AND TRIETHYLENETETRAMINE

ID: 113669-97-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-07**

#: **1.9900 - 1.9900** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Cover Fabric and Back Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: 9003-56-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-07**

#: **0.6600 - 0.6600** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Armrests and Mechanic Components**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	*3rd Party Screened*

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-07**

#: **0.1100 - 0.1100**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Seat Backing Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

THERMOPLASTIC ELASTOMER

ID: 308079-71-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-07**

#: **0.0800 - 0.0800**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Mechanics Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All Facilities**

06-05

05-11

Environment

CERTIFICATE URL: <https://spot.ul.com/main-app/products/catalog/?keywords=vitra>

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishing.**

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

The VITRA team worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by working with EPD information that was provided by the VITRA team and their EPD verifier, SCS Global.



MANUFACTURER INFORMATION

MANUFACTURER: **Vitra Factory GmbH**
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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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data 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.