

CLASSIFICATION: 12 51 00.00 Furnishings: Office Furniture

PRODUCT DESCRIPTION: In many ways, a keyboard support is the heart of an ergonomic workstation. As reach and vision drive posture, our keyboard tray allows the user to sit in a healthy, neutral posture through bringing the keyboard and mouse to the user in an ergonomic position. A well-designed keyboard tray offers protection from carpal tunnel syndrome, neck and back pain and other musculoskeletal issues. Since 1999, Humanscale has been the leading manufacturer of under desk keyboard systems and today sells more than all other manufacturers combined. This HPD represents configuration 6G400-F2722.

Section 1: Summary

Nested 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

Residuals/Impurities
Considered in 1 of 8 Materials

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 except SC
substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with
results disclosed except SC substances screened according
to SC guidance.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or
Generic) and Identifier and/ or one or more Special Condition
did not follow guidance.

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

STEEL [STEEL NoGS] PHENOLIC BOARD [KRAFT PAPER NoGS PHENOL
FORMALDEHYDE POLYMER HEXAMETHYLENETETRAMINE CROSS-
LINKED NoGS] UNDISCLOSED [POLYURETHANE FOAMS LT-UNK
STYRENE-ACRYLONITRILE COPOLYMERS LT-UNK CARBON BLACK LT-1
| CAN 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-DIMETHYL
1,4-BENZENEDICARBOXYLATE, 2,2-DIMETHYL-1,3-PROPANEDIOL, 1,2-
ETHANEDIOL AND NONANEDIOIC ACID NoGS UNDISCLOSED NoGS
UNDISCLOSED LT-UNK | | PHY] UNDISCLOSED [SC:SC: WOOD FIBER Not
Screened] UNDISCLOSED [POLYSTYRENE LT-UNK LUBRICATING OILS
(PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED, HIGH-
VISCOSITY LT-1 | CAN | MUL STYRENE/DVB COPOLYMER (PRIMARY
CASRN IS 9003-70-7) LT-UNK] UNDISCLOSED [NYLON 6 LT-UNK
CARBON BLACK LT-1 | CAN] UNDISCLOSED [ACRYLONITRILE-
BUTADIENE-STYRENE COPOLYMER LT-UNK 1,2-
BIS(OCTADECANAMIDO)ETHANE LT-UNK] UNDISCLOSED [1,3,5-
TRIOXANE, POLYMER WITH 1,3-DIOXOLANE LT-UNK]

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:

Special conditions applied: BiologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for
which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify
the product for the LEED v4 Materials and Resources Disclosure and
Optimization credit, Option 1.

Specific material trade names are undisclosed to protect proprietary
information of the supply chain.

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
Multi-attribute: BIFMA Furniture Sustainability Level 3 (e3-2014)

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-04-24

PUBLISHED DATE: 2019-04-24

EXPIRY DATE: 2022-04-24



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

STEEL

%: 73.3000 - 73.5000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not considered.

OTHER MATERIAL NOTES:

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-24

%: 100.0000 - 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Alloy

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

PHENOLIC BOARD

%: 18.0000 - 18.5000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not considered.

OTHER MATERIAL NOTES:

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

HAZARD SCREENING DATE: **2019-04-24**

#: **60.0000 - 70.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Base material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Base material**

**PHENOL FORMALDEHYDE POLYMER HEXAMETHYLENETETRAMINE
CROSS-LINKED**

ID: **68585-23-9**

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

HAZARD SCREENING DATE: **2019-04-24**

#: **30.0000 - 40.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Binding resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Binding resin**

UNDISCLOSED

#: **3.6000 - 3.6500**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are considered at 100ppm of the material.**

OTHER MATERIAL NOTES: **Palm Rest**

POLYURETHANE FOAMS

ID: **9009-54-5**

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

HAZARD SCREENING DATE: **2019-04-24**

#: **75.7000 - 95.7000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Main Composition**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

STYRENE-ACRYLONITRILE COPOLYMERS

ID: **9003-54-7**

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

HAZARD SCREENING DATE: **2019-04-24**

#: **7.0000 - 7.5000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Foam Composition**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		
SUBSTANCE NOTES:		

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-04-24		
#: 1.6900 - 1.7000	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	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:				

1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-DIMETHYL 1,4-BENZENEDICARBOXYLATE, 2,2-DIMETHYL-1,3-PROPANEDIOL, 1,2-ETHANEDIOL AND NONANEDIOIC ACID

ID: 75701-44-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-04-24		
#: 1.0700 - 1.6700	GS: NoGS	RC: None	NANO: No	ROLE: Surface film
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES:				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-04-24		
#: 0.7700 - 0.7800	GS: NoGS	RC: None	NANO: No	ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES:				

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-04-24**

?: **0.4600 - 2.3000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Expanding Agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
GLOBAL WARMING	US EPA - Global Warming Potentials	Global Warming Potential greater than 100
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
GLOBAL WARMING	IPCC - Global Warming Chemicals	Chemicals with Global Warming Potential

SUBSTANCE NOTES:

UNDISCLOSED

?: **2.4000 - 2.5000**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES: **SpecialConditionApplied:BiologicalMaterial --- SpecialConditionApplied: Biological Material**

SC:SC: WOOD FIBER

ID: **SC:Bio**

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

HAZARD SCREENING DATE: **2019-04-24**

?: **99.5000 - 100.0000**

GS: **Not Screened**

RC: **None**

NANO: **No**

ROLE: **Raw Material**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:

Version: **SCBioMats/2018-02-23**

Category: **Tree-based materials**

Identifier: **9004-34-6**

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

UNDISCLOSED

?: **1.0000 - 1.0300**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES: **Knob**

POLYSTYRENE

ID: 9003-53-6

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

HAZARD SCREENING DATE: **2019-04-24**

#: **55.0000 - 65.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Base resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED, HIGH-VISCOSITY

ID: 72623-85-9

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

HAZARD SCREENING DATE: **2019-04-24**

#: **25.0000 - 30.0000**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Lubricant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

EU - GHS (H-Statements)

H350 - May cause cancer

CANCER

EU - REACH Annex XVII CMRs

Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES:

STYRENE/DVB COPOLYMER (PRIMARY CASRN IS 9003-70-7)

ID: 73379-62-1

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

HAZARD SCREENING DATE: **2019-04-24**

#: **5.0000 - 15.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Copolymer Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

UNDISCLOSED

#: **0.7000 - 0.7000**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not considered.

OTHER MATERIAL NOTES:

NYLON 6

ID: 25038-54-4

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

HAZARD SCREENING DATE: **2019-04-24**

#: **98.0000 - 99.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Base Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

CARBON BLACK

ID: 1333-86-4

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

HAZARD SCREENING DATE: **2019-04-24**

#: **1.0000 - 2.0000**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Colorant**

HAZARD TYPE

AGENCY AND LIST TITLES

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:

UNDISCLOSED

#: **0.5600 - 0.6000**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not considered.

OTHER MATERIAL NOTES: **ABS**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-24**%: **98.3000 - 99.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **base resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **main composition of the polymer****1,2-BIS(OCTADECANAMIDO)ETHANE**

ID: 110-30-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-24**%: **1.5000 - 2.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Additive****UNDISCLOSED**%: **0.2300 - 0.2400**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **No**RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**OTHER MATERIAL NOTES: **POM****1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE**

ID: 24969-26-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-24**%: **95.0000 - 99.5000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Base resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Base resin**

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**

APPLICABLE FACILITIES: **Piscataway, NJ; Fresno, CA**

CERTIFICATE URL:

https://www.humanscale.com/UserFiles/File/scs_keyboardsystems_2018-2019.pdf

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:

2018-11-01

EXPIRY DATE:

2019-10-31

CERTIFIER OR LAB:

SCS Global Services

MULTI-ATTRIBUTE

BIFMA Furniture Sustainability Level 3 (e3-2014)

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **Piscataway, NJ; Fresno, CA**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: **2018-09-04**

EXPIRY DATE: **2021-10-31**

CERTIFIER OR LAB: **SCS Global Services**

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

Legal Notice: This HPD lists only those known chemical ingredients in the Keyboard Systems 6G as provided by Humanscale's suppliers, and that account for 0.01% or more of the total product weight. The listing of materials are based on Humanscale's supplier disclosures and is not based on independent testing to confirm the presence of absence of any specific chemical components. Accordingly, the 6G may contain certain chemicals that are not listed herein. Additionally, as the hazards information provided herein was generated under license using the HPDC Online Builder, Humanscale does not warrant that the hazard information or health effects provided by HPDC or its Authoritative Hazard List are accurate or apply to every context in which the chemicals may be used.



MANUFACTURER INFORMATION

MANUFACTURER: **Humanscale**

ADDRESS: **220 CIRCLE DRIVE N**

Piscataway NEW JERSEY 08854, United States

WEBSITE:

<https://www.humanscale.com/products/product.cfm?group=KeyboardSystems>

CONTACT NAME: **Luke Zhou**

TITLE: **Lead Sustainable Materials Specialist**

PHONE: **7325372944**

EMAIL: **lzhou@humanscale.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)

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

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

