

HPD UNIQUE IDENTIFIER: 21145

CLASSIFICATION: 12 51 00.00 Furnishings: Office Furniture

PRODUCT DESCRIPTION: Described by The New York Times as "the gold standard in office seating", the Freedom chair redefines the concept of traditional task chairs. Designer Niels Diffrient aimed to design an office chair that automatically adapts to the user, allowing them to move freely from posture to posture. Diffrient's unique approach removed complexities found in other chairs, such as cumbersome recline levers and back tension dials for a truly ergonomic task chair. As a result, he developed a recline mechanism that perfectly adjusts to the user, definitively reinventing modern task seating to be truly simple, functional, and beautiful.

## 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
- Other

#### Residuals/Impurities

Residuals/Impurities  
Considered in 16 of 18 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

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow 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**

ALUMINIUM A380.0-F [ ALUMINUM (ALUMINUM) BM-1 | RES | PHY | END  
SILICON LT-UNK COPPER LT-P1 | MUL ZINC LT-P1 | AQU | PHY | END |  
MUL MANGANESE LT-P1 | END | MUL | REP TIN LT-UNK NICKEL LT-1 |  
RES | CAN | SKI | MAM | MUL ] STEEL [ STEEL NoGS ] POLYSTYRENE [  
POLYSTYRENE LT-UNK ] POLYURETHANE FOAM [ POLYURETHANE  
FOAMS LT-UNK ] UNDISCLOSED [ ETHYLENE-PROPYLENE COPOLYMER  
LT-UNK (Z)-13-DOCOSENAMIDE LT-UNK GLYCERIDES, C14-18 MONO-  
AND DI- LT-UNK ANOX 20 LT-UNK ] UNDISCLOSED [ POLYPROPYLENE  
LT-UNK TALC BM-1 | CAN 1-BUTENE, POLYMER WITH ETHENE LT-UNK  
ZINC STEARATE LT-P1 1-OCTENE, POLYMER WITH ETHENE LT-UNK  
TITANIUM DIOXIDE (TITANIUM DIOXIDE) LT-1 | CAN | END ] LEATHER [  
SC:LEATHER Not Screened ] NYLON 6 [ HEXANEDIOIC ACID, POLYMER  
WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 1,6-HEXANEDIAMINE LT-UNK  
POLYETHYLENE LT-UNK ZINC STEARATE LT-P1 ] UNDISCLOSED [  
POLYCARBONATE LT-UNK POLYETHYLENE LT-UNK 1,2-  
BIS(OCTADECANAMIDO)ETHANE LT-UNK CARBON BLACK BM-1 | CAN ]  
UNDISCLOSED [ NYLON 6 LT-UNK SOLID GLASS AND GLASS / MINERAL  
FIBER (SEE VARIANTS) LT-UNK UNDISCLOSED LT-U ] TPU [  
POLYURETHANE LT-P1 ] UNDISCLOSED [ PROPYLENE BM-U | PHY | END  
ETHYLENE LT-UNK | PHY | CAN TALC BM-1 | CAN TRIS(2,4-DI-TERT-  
BUTYLPHENYL) PHOSPHITE LT-UNK | PBT CALCIUM STEARATE LT-UNK

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

Contents highest concern GreenScreen  
Benchmark or List translator Score ... BM-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.

The Inventory Option for this HPD is 100ppm of the product.

ANOX 20 LT-UNK ] UNDISCLOSED [ 1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE LT-UNK ] UNDISCLOSED [ NYLON 6 LT-UNK SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END POLYETHYLENE LT-UNK C.I. PIGMENT VIOLET 15 LT-P1 | MUL C.I. PIGMENT YELLOW 119 LT-UNK CARBON BLACK BM-1 | CAN ZINC STEARATE LT-P1 FERRIC OXIDE BM-1 | CAN ] UNDISCLOSED [ ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK WHITE MINERAL OIL LT-UNK ] 6061 ALUMINUM [ ALUMINUM ALLOY, NONBASE, AL,CO,MO NoGS ] BRONZE [ BRONZE NoGS ] ZINC PLATING [ ZINC LT-P1 | AQU | PHY | END | MUL ]

### 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)

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-07-28

PUBLISHED DATE: 2020-07-28

EXPIRY DATE: 2023-07-28



## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### ALUMINIUM A380.0-F

%: 46.2400 - 46.2400

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Potential residuals and impurities have been tested.

OTHER MATERIAL NOTES: Aluminum die casting alloy

### ALUMINUM (ALUMINUM)

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

%: 80.0000 - 80.2500

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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

SUBSTANCE NOTES: Percentage range is based on the material grade.

### SILICON

ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

%: 7.5000 - 9.5000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage range is based on the material grade.

### COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

%: **3.0000 - 4.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
<b>MULTIPLE</b>	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Percentage range is based on the material grade.**

## ZINC

ID: **7440-66-6**

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

HAZARD SCREENING DATE: **2020-07-28**

%: **3.0000 - 3.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
<b>ACUTE AQUATIC</b>	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
<b>CHRON AQUATIC</b>	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
<b>PHYSICAL HAZARD (REACTIVE)</b>	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
<b>PHYSICAL HAZARD (REACTIVE)</b>	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
<b>ENDOCRINE</b>	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
<b>MULTIPLE</b>	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Alloy Element**

## MANGANESE

ID: **7439-96-5**

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

HAZARD SCREENING DATE: **2020-07-28**

%: **0.5000 - 0.5000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
<b>ENDOCRINE</b>	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
<b>MULTIPLE</b>	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
<b>REPRODUCTIVE</b>	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: **Alloy Element**

## TIN

ID: **7440-31-5**

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

HAZARD SCREENING DATE: **2020-07-28**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage range is based on the material grade.

**NICKEL**

ID: **7440-02-0**

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

HAZARD SCREENING DATE: **2020-07-28**

GS: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

US NIH - Report on Carcinogens

Known to be a human Carcinogen

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

ORGAN TOXICANT

EU - GHS (H-Statements)

H372 - Causes damage to organs through prolonged or repeated exposure

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

MAK

Carcinogen Group 1 - Substances that cause cancer in man

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Percentage range is based on the material grade.

**STEEL**

%: **14.7100 - 14.7100**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Metal**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES:

**STEEL**

ID: 12597-69-2

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

HAZARD SCREENING DATE: **2020-07-28**

#: **100.0000 - 100.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**POLYSTYRENE**

#: **8.2500 - 8.2500**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **This is 100% recycled material.**

**POLYSTYRENE**

ID: 9003-53-6

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

HAZARD SCREENING DATE: **2020-07-28**

#: **100.0000 - 100.0000**

GS: **LT-UNK**

RC: **PreC**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **100% Recycled**

**POLYURETHANE FOAM**

#: **6.6800 - 6.6800**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES:

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

HAZARD SCREENING DATE: **2020-07-28**

#: **99.7250 - 100.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES: **Substance range is estimated based on the residual level.**

**UNDISCLOSED**

**#: 5.7500 - 5.7500**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Headrest shell**

**ETHYLENE-PROPYLENE COPOLYMER**

ID: 9010-79-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **99.7000 - 99.7000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Base resin****(Z)-13-DOCOSENAMIDE**

ID: 112-84-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.7000 - 0.7000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES:

**GLYCERIDES, C14-18 MONO- AND DI-**

ID: 67701-33-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.5000 - 0.5000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES:

**ANOX 20**

ID: 6683-19-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.1000 - 0.1000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Additive**



PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Potential residuals and impurities have been tested.

OTHER MATERIAL NOTES: Seat Shell

**POLYPROPYLENE**

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

#: 70.0000 - 76.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage range is given by suppliers to protect their proprietary information.

**TALC**

ID: 14807-96-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

#: 18.0000 - 22.0000

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES: Percentage range is given by suppliers to protect their proprietary information.

**1-BUTENE, POLYMER WITH ETHENE**

ID: 25087-34-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

#: 4.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Impact modifier

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage range is given to protect supplier's proprietary information.

**ZINC STEARATE**

ID: 557-05-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

#: 0.0000 - 5.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Stabilizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage range is given by suppliers to protect their proprietary information.

### 1-OCTENE, POLYMER WITH ETHENE

ID: 26221-73-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2020-07-28**

%: **0.0000 - 1.0000**      GS: **LT-UNK**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Impact modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage range is given by suppliers to protect their proprietary information.

### TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2020-07-28**

%: **0.0000 - 2.0000**      GS: **LT-1**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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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
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Percentage range is given to protect supplier's proprietary information.

### LEATHER

%: 2.0300 - 2.0300

PRODUCT THRESHOLD: **100 ppm**      RESIDUALS AND IMPURITIES CONSIDERED: **Yes**      MATERIAL TYPE: **Animal-Based Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Residual chemicals were tested.**

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

HAZARD SCREENING DATE: **2020-07-28**

#: **90.0000 - 100.0000**

GS: **Not Screened**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Textile component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

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

Category: **Animal-based materials**

Identifier: **Cowhide**

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.

**NYLON 6**

#: **1.8300 - 1.8300**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Caster material**

**HEXANEDIOIC ACID, POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 1,6-HEXANEDIAMINE**

ID: 24993-04-2

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

HAZARD SCREENING DATE: **2020-07-28**

#: **97.9900 - 97.9900**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES:

**POLYETHYLENE**

ID: 9002-88-4

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

HAZARD SCREENING DATE: **2020-07-28**

#: **2.0000 - 2.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES:

**ZINC STEARATE**

ID: 557-05-1

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

HAZARD SCREENING DATE: **2020-07-28**

#: **0.0100 - 0.0100**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Impact modifier**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES: **Modifier**

**UNDISCLOSED**

#: **1.6400 - 1.6400**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Arm Support**

**POLYCARBONATE**

ID: 25037-45-0

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

HAZARD SCREENING DATE: **2020-07-28**

#: **99.0100 - 99.0100**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES:

## POLYETHYLENE

ID: 9002-88-4

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

HAZARD SCREENING DATE: **2020-07-28**

#: **0.7230 - 0.7230** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES:

## 1,2-BIS(OCTADECANAMIDO)ETHANE

ID: 110-30-5

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

HAZARD SCREENING DATE: **2020-07-28**

#: **0.1340 - 0.1340** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impact modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: **Additive**

## CARBON BLACK

ID: 1333-86-4

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

HAZARD SCREENING DATE: **2020-07-28**

#: **0.1340 - 0.1340** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
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CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
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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
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SUBSTANCE NOTES: **Additive**

**UNDISCLOSED**

**%: 0.9800 - 0.9800**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Back Release**

**NYLON 6**

ID: **25038-54-4**

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

HAZARD SCREENING DATE: **2020-07-28**

%: **65.0000 - 70.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES:

**SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

ID: **65997-17-3**

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

HAZARD SCREENING DATE: **2020-07-28**

%: **25.0000 - 30.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES:

**UNDISCLOSED**

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

HAZARD SCREENING DATE: **2020-07-28**

%: **0.2900 - 0.3100**

GS: **LT-U**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Lubricant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**Hazard Screening not performed**

SUBSTANCE NOTES: **This substance is not disclosed to us. The GS TL and Hazards have been screened by our supplier and manually added to this HPD. No warnings were found on HPD Priority lists.**

**TPU**

**%: 0.9000 - 0.9000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Armpad cover**

**POLYURETHANE**

ID: 64440-88-6

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

HAZARD SCREENING DATE: **2020-07-28**

#: **100.0000 - 100.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**UNDISCLOSED**

#: **0.7600 - 0.7600**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Armpad base**

**PROPYLENE**

ID: 115-07-1

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

HAZARD SCREENING DATE: **2020-07-28**

#: **89.0000 - 94.5000**

GS: **BM-U**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H220 - Extremely flammable gas

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **Base polymer**

**ETHYLENE**

ID: 74-85-1

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

HAZARD SCREENING DATE: **2020-07-28**

#: **5.0000 - 10.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H220 - Extremely flammable gas

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: **Base resin**

**TALC**

ID: 14807-96-6

%: **0.3000 - 0.6000**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CANCER****MAK****Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification****CANCER****IARC****Group 2b - Possibly carcinogenic to humans**SUBSTANCE NOTES: **Additive****TRIS(2,4-DI-TERT-BUTYLPHENYL) PHOSPHITE**ID: **31570-04-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.0700 - 0.1500**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**PBT****EU - ESIS PBT****Under PBT evaluation**SUBSTANCE NOTES: **Additive****CALCIUM STEARATE**ID: **1592-23-0**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.0500 - 0.1500**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Additive****ANOX 20**ID: **6683-19-8**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.0400 - 0.0800**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Antioxidant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Additive**



**UNDISCLOSED**

%: 0.4600 - 0.4600

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Potential residuals and impurities have been tested.

OTHER MATERIAL NOTES: Gas cylinder component

**1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE**

ID: 24969-26-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

%: 97.0000 - 99.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage range is given to protect supplier's proprietary information.

**UNDISCLOSED**

%: 0.4300 - 0.4300

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Potential residuals and impurities have been tested.

OTHER MATERIAL NOTES: Front Link

**NYLON 6**

ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

%: 66.3300 - 66.3300

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

%: 32.6700 - 32.6700

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.3720 - 0.3720**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE 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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: **Pigment****POLYETHYLENE**

ID: 9002-88-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.2990 - 0.2990**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Additive****C.I. PIGMENT VIOLET 15**

ID: 12769-96-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **0.1760 - 0.1760**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Pigment****C.I. PIGMENT YELLOW 119**

ID: 68187-51-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**

#: 0.0770 - 0.0770

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Pigment

### CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

#: 0.0360 - 0.0360

GS: BM-1

RC: None

NANO: No

SUBSTANCE 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: Pigment

### ZINC STEARATE

ID: 557-05-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

#: 0.0260 - 0.0260

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Lubricant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Additive

### FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-07-28

#: 0.0130 - 0.0130

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Pigment

**UNDISCLOSED**

**%: 0.3000 - 0.3000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Headrest handle**

**ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER**

ID: **9003-56-9**

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

HAZARD SCREENING DATE: **2020-07-28**

**%: 97.0000 - 99.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES:

**WHITE MINERAL OIL**

ID: **8042-47-5**

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

HAZARD SCREENING DATE: **2020-07-28**

**%: 1.0000 - 3.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES: **Plasticizer**

**6061 ALUMINUM**

**%: 0.2800 - 0.2800**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Metal**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES: **Aluminum die casting alloy for the Headrest Rod**

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

HAZARD SCREENING DATE: **2020-07-28**

#: **100.0000 - 100.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**BRONZE**

#: **0.0300 - 0.0300**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Metal**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES:

**BRONZE**

ID: **12597-70-5**

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

HAZARD SCREENING DATE: **2020-07-28**

#: **100.0000 - 100.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**ZINC PLATING**

#: **0.0100 - 0.0100**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Metal**

RESIDUALS AND IMPURITIES NOTES: **Potential residuals and impurities have been tested.**

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-07-28**%: **100.0000 - 100.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Plating agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

## 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**

ISSUE DATE:

EXPIRY DATE:

CERTIFIER OR LAB: **SCS**

APPLICABLE FACILITIES: **Piscataway, NJ, USA Fresno, CA, USA Nogales, Sonora, Mexico Dublin, Leinster, Ireland**

**2019-11-01**

**2020-10-31**

**Global Services**

CERTIFICATE URL:

[https://www.humanscale.com/UserFiles/File/scs\\_Seating\\_2019-2020.pdf](https://www.humanscale.com/UserFiles/File/scs_Seating_2019-2020.pdf)

CERTIFICATION AND COMPLIANCE NOTES:

### MULTI-ATTRIBUTE

### BIFMA Furniture Sustainability Level 3 (e3-2014)

CERTIFYING PARTY: **Third Party**

ISSUE DATE:

EXPIRY DATE:

CERTIFIER OR LAB: **SCS**

APPLICABLE FACILITIES: **Piscataway, NJ, USA Fresno, CA, USA Nogales, Sonora, Mexico**

**2018-09-04**

**2021-10-31**

**Global Services**

CERTIFICATE URL:

[https://www.humanscale.com/UserFiles/File/level\\_3\\_Seating\\_2018-2021.pdf](https://www.humanscale.com/UserFiles/File/level_3_Seating_2018-2021.pdf)

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

**Legal Notice:** This HPD lists only those known chemical ingredients in the Freedom Task / Freedom Headrest chair as provided by Humanscale's suppliers, and that account for 0.01% or more of the total chair components. The listing of materials in this HPD represents all material ingredients 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 Freedom Task / Freedom Headrest 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 North  
Piscataway NJ 08854, USA**

WEBSITE:

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

CONTACT NAME: **Humanscale Sustainability**

TITLE: **Humanscale Sustainability**

PHONE: **(732) 537-2944**

EMAIL: **betterworld@humanscale.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

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**LAN** Land toxicity

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple

**NEU** Neurotoxicity

**NF** Not found on Priority Hazard Lists

**OZO** Ozone depletion

**PBT** Persistent, bioaccumulative, and toxic

**PHY** Physical hazard (flammable or reactive)

**REP** Reproductive

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**UNK** Unknown

### 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 (due to insufficient data)

**LT-P1** List Translator Possible 1 (Possible Benchmark-1)

**LT-1** List Translator 1 (Likely Benchmark-1)

**LT-UNK** List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)

**NoGS** No GreenScreen.

### 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.*



