

HPD UNIQUE IDENTIFIER: 27349

CLASSIFICATION: 12 51 00 Office Furniture

PRODUCT DESCRIPTION: World One is an updated version of Niels Diffrient's renowned World chair, the most minimal, yet fully functional task chair ever made. Featuring the same innovative tri-panel mesh backrest and weight-sensitive recline as its predecessor, World One is a cost-effective solution that delivers highly engineered ergonomic support and the ultimate user-friendly sitting experience. Assembly required.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
☐ Nested Materials Method ☒ Basic Method	☒ 100 ppm ☐ 1,000 ppm ☐ Per GHS SDS ☐ Other	☐ Considered ☒ Partially Considered ☐ Not Considered Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	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 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**

DIFFRIENT WORLD® ONE [**NYLON 6** **LT-UNK** **GLASS/MINERAL FIBER** **LT-UNK** **STEEL** **NoGS** **1,4-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BUTANEDIOL AND α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL)** **LT-UNK** **POLYAMIDE PA6** **LT-UNK** **POM** **LT-UNK** **UNS A13800 ALUMINUM ALLOY** **NoGS** **UNS A96063 ALUMINUM ALLOY** **NoGS** **1,4-BUTANEDIOL, POLYMER WITH α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL) AND 1,1'-METHYLENEBIS[4-ISOCYANATOBENZENE]** **LT-P1** **POLYETHYLENE TEREPHTHALATE (PET)** **LT-UNK** **1,3-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL, DIMETHYL 1,4-BENZENEDICARBOXYLATE AND α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL)** **LT-UNK** **1H-BENZOTRIAZOLE** **LT-UNK** | **CAN COPPER IODIDE (CUI)** **BM-1** | **MUL LUBRICANT** **LT-UNK** **POLYETHYLENE TEREPHTHALATE/POLYBUTYLENE TEREPHTHALATE** **NoGS** **C.I. SOLVENT BLACK 5** **NoGS** **NYLON 66** **LT-UNK** **CARBON BLACK** **BM-1** | **CAN BRASS** **NoGS** **TITANIUM DIOXIDE** **LT-1** | **CAN** | **END OILITE BRONZE** **NoGS** **POLYETHYLENE** **LT-UNK** **OCTADECANAMIDE, N,N'-1,2-ETHANEDIYLBIS-** **LT-UNK** **STYRENE-BUTADIENE POLYMER** **LT-UNK** **ADDITIVE** **LT-UNK** **ADDITIVE** **NoGS** **BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, 2,2-BIS[[3-[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]-1-OXOPROPOXY]METHYL]-1,3-PROPANEDIYL ESTER** **LT-UNK** **TPU** **LT-P1** **BENZENEPROPANAMIDE, N,N'-1,6-HEXANEDIYLBIS[3, 5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-** **LT-UNK** **TRIVALENT CHROMIUM COMPOUND** **LT-UNK** | **MUL 1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL AND α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL)** **LT-UNK** **SIZING / BINDER** **NoGS** **2-PROPENOIC ACID, ETHYL ESTER, POLYMER WITH N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENENITRILE** **LT-UNK** **2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE AND 2-PROPENENITRILE** **LT-UNK** **1,2-BENZENEDICARBOXYLIC ACID, DI-2-PROPENYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE AND 2-METHYL-2-PROPENOIC ACID** **LT-UNK** **OTHERS** **NoGS** **CHROMIUM** **LT-P1** | **END** | **SKI** | **RES COLORANTS** **NoGS** **ADDITIVES** **NoGS** **THERMOPLASTIC POLYURETHANE** **NoGS**]

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:

This HPD includes several metal alloys identified by the alloy number which is allowed by the HPD Standard. However, due to the current limitations in the HPD Builder, it is recognizing these substances as not being identified.

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: Indoor Advantage Gold
Multi-attribute: ANSI/BIFMA e3-2014e Furniture Sustainability Standard

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- ☐ Yes
- ☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2021-10-18
PUBLISHED DATE: 2022-01-27
EXPIRY DATE: 2024-10-18

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

DIFFRIENT WORLD® ONE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Only chemical substances restricted by regulations and Humanscale voluntary restriction list are considered. Residuals and impurities of those chemicals are tested or confirmed to be below required threshold. Residuals and impurities for other chemical substances are not considered.

OTHER PRODUCT NOTES:

NYLON 6

ID: 25038-54-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-10-18 12:21:01**

%: 57.7000 - 67.7280 GS: LT-UNK RC: None NANO: Unknown 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

SUBSTANCE NOTES:

GLASS/MINERAL FIBER

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-10-18 12:21:02**

%: 30.2370 - 37.4690 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES:

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-10-18 12:21:02**

%: 17.9280 - 19.6990 GS: NoGS RC: Both NANO: Unknown SUBSTANCE ROLE: Alloy element

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

SUBSTANCE NOTES:

**1,4-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BUTANEDIOL
AND α -HYDRO- ω -HYDROXYPOLY(OXY-1,4-BUTANEDIYL)**

ID: 37282-12-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-10-18 12:21:03**

%: 2.3380 - 2.5760 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species

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

POLYAMIDE PA6		ID: 24993-04-2
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:03
%: 1.4720 - 1.6620	GS: LT-UNK	RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

POM		ID: 24969-26-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:04
%: 1.4360 - 1.5700	GS: LT-UNK	RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

UNS A13800 ALUMINUM ALLOY		ID: Not Registered
HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:24
%: 1.2600 - 1.3780	GS: NoGS	RC: Both NANO: Unknown SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

UNS A96063 ALUMINUM ALLOY		ID: Not Registered
HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:15
%: 0.9610 - 5.7400	GS: NoGS	RC: Both NANO: Unknown SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

1,4-BUTANEDIOL, POLYMER WITH α -HYDRO- ω -HYDROXYPOLY(OXY-1,4-BUTANEDIYL) AND 1,1'-METHYLENEBIS[4-ISOCYANATOBENZENE]		ID: 9018-04-6
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:04
%: 0.8440 - 2.5570	GS: LT-P1	RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species

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

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:05		
%: 0.7130 - 0.8600	GS: LT-UNK	RC: Both	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES:				

1,3-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL, DIMETHYL 1,4-BENZENEDICARBOXYLATE AND α -HYDRO- ω -HYDROXPOLY(OXY-1,4-BUTANEDIYL)

ID: 9086-55-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:05		
%: 0.4130 - 0.4520	GS: LT-UNK	RC: Both	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

1H-BENZOTRIAZOLE

ID: 95-14-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:06		
%: 0.3350 - 0.3660	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SUBSTANCE NOTES:				

COPPER IODIDE (CUI)

ID: 7681-65-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:06		
%: 0.3350 - 0.3660	GS: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	
SUBSTANCE NOTES:				

LUBRICANT

ID: 110-30-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:07		
%: 0.3350 - 0.3660	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Lubricant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
POLYETHYLENE TEREPHTHALATE/POLYBUTYLENE TEREPHTHALATE				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:07		
%: 0.2940 - 0.4020	GS: NoGS	RC: Both	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
C.I. SOLVENT BLACK 5				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:07		
%: 0.2470 - 0.2700	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
NYLON 66				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:08		
%: 0.2260 - 0.2470	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
CARBON BLACK				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:08		
%: 0.1870 - 0.4300	GS: BM-1	RC: Both	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
SUBSTANCE NOTES:				
BRASS				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:09		
%: 0.1790 - 0.1960	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Alloy element
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: 2021-10-18 12:21:09		
%: 0.0570 - 0.1120	GS: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen	
CAN	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route	
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
CAN	MAK		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
CAN	MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
CAN	EU - GHS (H-Statements)		H351 - Suspected of causing cancer [Carcinogenicity - Category 2]	
SUBSTANCE NOTES:				

OILITE BRONZE			ID: Not Registered	
HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:45		
%: 0.0390 - 0.0420	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Alloy element
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: 2021-10-18 12:21:10		
%: 0.0300 - 0.0340		GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:					

OCTADECANAMIDE, N,N'-1,2-ETHANEDIYLBIS-			ID: 110-30-5	
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HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:10		
%: 0.0230 - 0.0490	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

STYRENE-BUTADIENE POLYMER

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:11		
%: 0.0160 - 0.0170	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

ADDITIVE

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:57		
%: 0.0090 - 0.0110		GS: LT-UNK		RC: None NANO: Unknown 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

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:39		
%: 0.0010 - 0.1310	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, 2,2-BIS[[3-[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]-1-OXOPROPOXY]METHYL]-1,3-PROPANEDIYL ESTER

ID: 6683-19-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:11		
%: 0.0000 - 0.0100	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Antioxidant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

TPU

ID: 32238-28-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:11		
%: 0.0000 - 2.2650	GS: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

BENZENEPROPANAMIDE, N,N'-1,6-HEXANEDIYLBIS[3, 5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-

ID: 23128-74-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:12		
%: 0.0000 - 0.0140	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Antioxidant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

TRIVALENT CHROMIUM COMPOUND

ID: 57693-14-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:12		
%: 0.0000 - 0.0190	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
SUBSTANCE NOTES:				

1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL AND α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL)

ID: 9078-71-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:13		
%: 0.0000 - 0.0200	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

SIZING / BINDER

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:51		
%: 0.0000 - 0.0220	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

2-PROPENOIC ACID, ETHYL ESTER, POLYMER WITH N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENENITRILE

ID: 27082-48-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:13		
%: 0.0000 - 0.0280	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE AND 2-PROPENENITRILE

ID: 57673-13-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:14		
%: 0.0000 - 0.0280	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

1,2-BENZENEDICARBOXYLIC ACID, DI-2-PROPENYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE AND 2-METHYL-2-PROPENOIC ACID

ID: 28411-49-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:14		
%: 0.0000 - 0.0280	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

OTHERS

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:42		
%: 0.0000 - 0.0560	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:15		
%: 0.0000 - 0.1000	GS: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Plating agent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SUBSTANCE NOTES:		

COLORANTS

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:38		
%: 0.0000 - 0.1430	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

ADDITIVES

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-18 12:16:37		
%: 0.0000 - 0.1430	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

THERMOPLASTIC POLYURETHANE

ID: 61789-63-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-10-18 12:21:15		
%: 0.0000 - 2.2650	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
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		Indoor Advantage Gold		
CERTIFYING PARTY: Third Party		ISSUE DATE: 2021-11-01	EXPIRY DATE: 2022-10-31	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: All				
CERTIFICATE URL:				
CERTIFICATION AND COMPLIANCE NOTES:				
MULTI-ATTRIBUTE		ANSI/BIFMA e3-2014e Furniture Sustainability Standard		
CERTIFYING PARTY: Third Party		ISSUE DATE: 2018-09-04	EXPIRY DATE: 2021-10-31	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Piscataway, NJ; Fresno, CA; Nogales, Mexico				
CERTIFICATE URL:				
https://www.scscertified.com/products/cert_pdfs/Humanscale_2020_SCS-SCF-05108_s.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 as provided by Humanscale’s suppliers, and that account for 0.01 % or more of the total product components. 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 product 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. The range of substances wt% reflects the chemical compositions of different product configurations and material formulation.

MANUFACTURER INFORMATION

MANUFACTURER: Humanscale
ADDRESS: 220 CIRCLE DRIVE N
Piscataway New Jersey 08854, USA
WEBSITE: <https://www.humanscale.com/>

CONTACT NAME: Luke Zhou
TITLE: Lead Sustainable Materials Specialist, LEED Green Associate
PHONE: 732-537-2944 x 1276
EMAIL: lzhou@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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	
GreenScreen (GS)		
BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)	
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)	
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.	
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)		
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.

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.