

HPD UNIQUE IDENTIFIER: 27869

CLASSIFICATION: 12 51 00 Office Furniture

PRODUCT DESCRIPTION: The Diffrient Smart chair is an intelligent mesh task chair with a striking linear aesthetic that complements any environment. Engineered to provide automatic lumbar support for every user, as well as simplicity and ease of use, Diffrient Smart offers comfort, style and flexibility. Diffrient Smart was created by designer Niels Diffrient and, like Humanscale’s Liberty and Diffrient World chairs, uses Humanscale’s revolutionary Form-Sensing Mesh Technology and mechanism-free recline for perfect support for every user. Living Product Challenge Full Certified. Achieved Transparent Material Health Case Study: <https://living-future.org/lpc/case-studies/diffrient-smart-chair/>

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	☐ Yes Ex/SC ☒ Yes ☐ No % weight and role provided for all substances. ☐ Yes Ex/SC ☒ Yes ☐ No All substances screened using Priority Hazard Lists with results disclosed. ☐ 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.
Threshold Disclosed Per	Explanation(s) provided for Residuals/Impurities?		
☐ Material ☒ Product	☒ Yes ☐ No		

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

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

DIFFRIENT SMART™ [UNS A13800 ALUMINUM ALLOY NoGS STEEL
NoGS UNS A03840 ALUMINUM ALLOY NoGS POLYPROPYLENE LT-UNK
NYLON 6 LT-UNK POLYURETHANE LT-UNK PROPYLENE/ETHYLENE
COPOLYMER LT-UNK GLASS/MINERAL FIBER LT-UNK TALC FILLER
BM-1 | CAN POLYAMIDE PA6 LT-UNK NYLON 66 LT-UNK
ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK 1,4-
BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BUTANEDIOL AND
α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL) LT-UNK 1-
BUTENE, POLYMER WITH ETHENE LT-UNK SPRING STEEL NoGS OILITE
BRONZE NoGS POLYETHYLENE TEREPHTHALATE (PET) LT-UNK
TITANIUM DIOXIDE LT-1 | CAN | END STAINLESS STEEL NoGS
BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE,
HYDROGENATED LT-UNK 1,3,5-TRIOXANE, POLYMER WITH 1,3-
DIOXOLANE LT-UNK CALCIUM CARBONATE BM-3dg POLYETHYLENE
LT-UNK PHENOL, 4,4',4''-[(2,4,6-TRIMETHYL- 1,3,5-
BENZENETRIYL)TRIS(METHYLENE)]TRIS[2,6-BIS (1,1-DIMETHYLETHYL)-
LT-UNK OCTADECANAMIDE, N,N'-1,2-ETHANEDIYLBIS- LT-UNK
PHENOL, 2-(5-CHLORO-2H-BENZOTRIAZOL- 2-YL)-6-(1,1-
DIMETHYLETHYL)-4-METHYL- LT-P1 METHANONE, [2-HYDROXY-4-
(OCTYLOXY)PHENYL]PHENYL- LT-UNK DIETHANOLAMINE BM-1 | CAN |
END | SKI | RES | EYE ZINC SULFIDE LT-UNK 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 CARBON
BLACK BM-1 | CAN DIIRON TRIOXIDE BM-1 | CAN OCTADECANOIC
ACID, ZINC SALT LT-P1 1,4-BENZENEDICARBOXYLIC ACID, POLYMER
WITH 1,3-DIHYDRO-1,3-DIOXO-5-ISOBENZOFURANCARBOXYLIC ACID,
2,2-DIMETHYL-1,3-PROPANEDIOL AND HEXANEDIOIC ACID LT-UNK
CAPROLACTAM LT-UNK | SKI | EYE SODIUM SULFATE LT-UNK 2-
PROPENOIC ACID, ETHYL ESTER, POLYMER WITH N-

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.

(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 WHITE MINERAL OIL LT-UNK 1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL AND α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL) LT-UNK C.I. PIGMENT YELLOW 119 LT-UNK CARBON BLACK NoGS ACETAMIDE, N-[5-[BIS[2-(ACETYLOXY)ETHYL] AMINO]-2-[(2-CHLORO-4-NITROPHENYL)AZO]PHENYL] - LT-P1 WHITE MINERAL OIL (PETROLEUM) LT-UNK BENZENEPROPANAMIDE, N,N'-1,6-HEXANEDIYLBIS[3, 5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY- LT-UNK ABS LT-UNK EVA LT-P1 | CAN | END | MUL | MAM | GEN | PHY POTASSIUM BROMIDE (KBR) LT-P1 POLYCARBAMATE LT-P1 THERMOPLASTIC POLYURETHANE NoGS TPU LT-P1 GLASS, OXIDE, CHEMICALS LT-UNK 1,4-BUTANEDIOL, POLYMER WITH α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL) AND 1,1'-METHYLENEBIS[4-ISOCYANATOBENZENE] LT-P1 FIBERGLASS NoGS POM LT-UNK ZINC STERATE LT-P1 POM NoGS UNS A96063 ALUMINUM ALLOY NoGS 1,3-BENZENEDICARBOXYLIC ACID, 5-SULFO-, 1,3-DIMETHYL ESTER, SODIUM SALT, POLYMER WITH DIMETHYL 1,4-BENZENEDICARBOXYLATE AND 1,2-ETHANEDIOL LT-UNK PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH 2,2'-[(1-METHYLETHYLIDENE) BIS(4,1-PHENYLENEOXYMETHYLENE)]BIS[OXIRANE] LT-P1 | END LUBRICANT LT-UNK CHROMIUM LT-P1 | END | SKI | RES ACETAMIDE, N-[5-[BIS[2-(ACETYLOXY)ETHYL] AMINO]-2-[(2-CHLORO-4,6-DINITROPHENYL)AZO]-4-METHOXYPHENYL]- LT-P1 1-OCTENE, POLYMER WITH ETHENE LT-UNK ETHYLENE LT-UNK | CAN | PHY 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL AND HEXANEDIOIC ACID NoGS TRIVALENT CHROMIUM COMPOUND LT-UNK | MUL DGBPA-B LT-P1 | END PROPANENITRILE, 3-[[2-(ACETYLOXY)ETHYL][4- [(2,6-DICHLORO-4-NITROPHENYL)AZO]PHENYL]AMINO]- LT-P1 | PBT FATTY ACIDS, C14-18 NoGS FERRUM DIOXIDE LT-UNK HEXADECANAMIDE, N,N'-1,2-ETHANEDIYLBIS- NoGS]

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: ANSI/BIFMA e3-2014e Furniture Sustainability Standard

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

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2021-12-27
☒ Yes	VERIFIER: WAP Sustainability Consulting	PUBLISHED DATE: 2022-03-17
☐ No	VERIFICATION #: zPr-13718	EXPIRY DATE: 2024-12-27

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

DIFFRIENT SMART™

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: The range of percent by weight for each substance comes from different product configurations and material formulations. The BM score comes from HPD builder screening.

UNS A13800 ALUMINUM ALLOY

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library

HAZARD SCREENING DATE: 2021-10-25 13:27:05

?: 22.8710 - 49.8040

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:

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-12-27 13:33:30

?: 8.7510 - 20.0430

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 A03840 ALUMINUM ALLOY

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library

HAZARD SCREENING DATE: 2021-10-25 13:27:09

?: 7.3390 - 9.4030

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:

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-12-27 13:33:30

%-: 4.9760 - 7.6030		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:					

NYLON 6

ID: **25038-54-4**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:31		
%: 4.8480 - 21.3250		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:				

POLYURETHANE

ID: **9009-54-5**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:31		
%: 4.0950 - 6.9480	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:				

PROPYLENE/ETHYLENE COPOLYMER

ID: **9010-79-1**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:32		
%: 3.7820 - 4.9400	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:				

GLASS/MINERAL FIBER

ID: **65997-17-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:32		
%: 1.7230 - 8.6860		GS: LT-UNK		RC: None NANO: Unknown SUBSTANCE ROLE: Glass component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

TALC FILLER

ID: **14807-96-6**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:33		
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%: 1.2530 - 1.9590		GS: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
CAN	IARC		Group 2b - Possibly carcinogenic to humans		
SUBSTANCE NOTES:					

POLYAMIDE PA6

ID: 24993-04-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:33			
%: 0.8800 - 1.3210		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:					

NYLON 66

ID: 32131-17-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:34		
%: 0.4020 - 0.7650		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:				

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: 9003-56-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:34			
%: 0.3310 - 0.4330		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:					

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: 2021-12-27 13:33:35			
%: 0.3000 - 0.6900		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:					

1-BUTENE, POLYMER WITH ETHENE				ID: 25087-34-7	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:33:35		
%: 0.2780 - 1.7780		GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Impact modifier
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:					

SPRING STEEL					ID: 12597-69-2
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:33:35		
%: 0.2480 - 0.3720		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:					

OILITE BRONZE				ID: Not Registered			
HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2021-10-25 13:27:36				
%: 0.2150 - 0.2750		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 TEREPHTHALATE (PET)					ID: 25038-59-9
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:33:36		
%: 0.0540 - 0.8230		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:					

TITANIUM DIOXIDE					ID: 13463-67-7
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:33:36		
%: 0.0490 - 0.1060	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) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
SUBSTANCE NOTES:		

STAINLESS STEEL		ID: Not Registered
HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-25 13:27:56
%: 0.0310 - 0.0400	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:		

BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE, HYDROGENATED		ID: 66070-58-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:37
%: 0.0220 - 0.0320	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:		

1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE		ID: 24969-26-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:37
%: 0.0220 - 0.0280	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:		

CALCIUM CARBONATE		ID: 1317-65-3
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:38

%: 0.0210 - 0.1110 GS: BM-3dg RC: Both NANO: Unknown SUBSTANCE ROLE: Filler	
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: 2021-12-27 13:33:39		
%: 0.0180 - 0.0270	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Curing agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

PHENOL, 4,4',4''-[(2,4,6-TRIMETHYL- 1,3,5-BENZENETRIYL)TRIS(METHYLENE)]TRIS[2,6-BIS (1,1-DIMETHYLETHYL)-

ID: 1709-70-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:39		
%: 0.0170 - 0.0210	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:				

OCTADECANAMIDE, N,N'-1,2-ETHANEDIYLBIS-

ID: 110-30-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:40		
%: 0.0140 - 0.0390	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:				

PHENOL, 2-(5-CHLORO-2H-BENZOTRIAZOL- 2-YL)-6-(1,1-DIMETHYLETHYL)-4-METHYL-

ID: 3896-11-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:40		
%: 0.0120 - 0.0160		GS: LT-P1		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:				

METHANONE, [2-HYDROXY-4-(OCTYLOXY)PHENYL]PHENYL-

ID: 1843-05-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:41		
%: 0.0120 - 0.0160	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:				

DIETHANOLAMINE

ID: 111-42-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:41		
%: 0.0110 - 0.0180	GS: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Curing agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
SKI	MAK		Sensitizing Substance Sh - Danger of skin sensitization	
CAN	CA EPA - Prop 65		Carcinogen	
CAN	IARC		Group 2b - Possibly carcinogenic to humans	
RES	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced	
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
SUBSTANCE NOTES:				

ZINC SULFIDE

ID: 1314-98-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:42		
%: 0.0080 - 1.1390	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:				

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: 2021-12-27 13:33:42	
%: 0.0060 - 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:			

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:43		
%: 0.0020 - 0.2610	GS: BM-1	RC: None	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:				

DIIRON TRIOXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:43		
%: 0.0020 - 0.0400	GS: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SUBSTANCE NOTES:				

OCTADECANOIC ACID, ZINC SALT

ID: 557-05-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library				HAZARD SCREENING DATE: 2021-12-27 13:33:44					
%: 0.0010 - 0.0360		GS: LT-P1		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:									

1,4-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,3-DIHYDRO-1,3-DIOXO-5-ISOBENZOFURANCARBOXYLIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIOL AND HEXANEDIOIC ACIDID: 38702-18-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library					HAZARD SCREENING DATE: 2021-12-27 13:39:10					
%: 0.0000 - 0.0210		GS: LT-UNK			RC: Both		NANO: Unknown		SUBSTANCE ROLE: Powder coating	
HAZARD TYPE		AGENCY AND LIST TITLES			WARNINGS					
None found		No warnings found on HPD Priority Hazard Lists								
SUBSTANCE NOTES:										

CAPROLACTAMID: 105-60-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:39:03		
?: 0.0000 - 0.0250	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]	
SUBSTANCE NOTES:				

SODIUM SULFATE

ID: 7757-82-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:38:48		
%: 0.0000 - 0.0170	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:				

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: 2021-12-27 13:40:48		
%: 0.0000 - 0.0270	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: 2021-12-27 13:40:41		
%: 0.0000 - 0.0270	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: 2021-12-27 13:39:22	
?: 0.0000 - 0.0270	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:					
WHITE MINERAL OIL					
ID: 8042-47-5					
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:39:32		
%: 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:					
1,4-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: 2021-12-27 13:39:38		
%: 0.0000 - 0.0130	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:					
C.I. PIGMENT YELLOW 119					
ID: 68187-51-9					
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:39:44		
%: 0.0000 - 0.0170	GS: LT-UNK	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:					
CARBON BLACK					
ID: Not Registered					
HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2021-10-25 13:28:31		
%: 0.0000 - 0.0120	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:					
ACETAMIDE, N-[5-[BIS[2-(ACETYLOXY)ETHYL] AMINO]-2-[(2-CHLORO-4-NITROPHENYL)AZO]PHENYL] -					
ID: 1533-78-4					
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:39:50		

%: 0.0000 - 0.0310 GS: LT-P1 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:	

WHITE MINERAL OIL (PETROLEUM)
ID: 8042-47-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:39:56		
%: 0.0000 - 0.0320	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:				

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: 2021-12-27 13:40:03		
%: 0.0000 - 0.0190	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

ABS
ID: 9003-56-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:40:09		
%: 0.0000 - 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:				

EVA
ID: 108-05-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2021-12-27 13:40:17			
%: 0.0000 - 0.0150	GS: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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	IARC	Group 2b - Possibly carcinogenic to humans
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
GEN	GHS - New Zealand	6.6A - Known or presumed human mutagens
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
SUBSTANCE NOTES:		

POTASSIUM BROMIDE (KBR)					ID: 7758-02-3
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:40:23		
%: 0.0000 - 0.0190		GS: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:					

POLYCARBAMATE					ID: 64440-88-6
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:33:51		
%: 0.0000 - 0.1120		GS: LT-P1	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:					

THERMOPLASTIC POLYURETHANE					ID: 61789-63-7
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-12-27 13:33:48		
%: 0.0000 - 1.5860		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:					

TPU					ID: 32238-28-1
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HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:48		
%: 0.0000 - 1.5860	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:				

GLASS, OXIDE, CHEMICALS

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:48		
%: 0.0000 - 1.3500	GS: LT-UNK	RC: Both	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found				
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: 2021-12-27 13:33:46		
%: 0.0000 - 0.9030	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:				

FIBERGLASS

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-25 13:27:24			
%: 0.0000 - 0.8550		GS: NoGS	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:					

POM

ID: 24969-26-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:51		
%: 0.0000 - 0.5670	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:				

ZINC STERATE

ID: 557-05-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:50		
%: 0.0000 - 0.4450	GS: LT-P1	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:				

POM

ID: 9002-81-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:40:30			
%: 0.0000 - 0.4240		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:					

UNS A96063 ALUMINUM ALLOY

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2021-10-25 13:27:35		
%: 0.0000 - 0.2890		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:				

1,3-BENZENEDICARBOXYLIC ACID, 5-SULFO-, 1,3-DIMETHYL ESTER, SODIUM SALT, POLYMER WITH DIMETHYL 1,4-BENZENEDICARBOXYLATE AND 1,2-ETHANEDIOL

ID: 27937-63-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:50		
%: 0.0000 - 0.1490	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:				

PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH 2,2'-[(1-METHYLETHYLIDENE) BIS(4,1-PHENYLENEOXYMETHYLENE)]BIS[OXIRANE]

ID: 25036-25-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:56		
%: 0.0000 - 0.1170	GS: LT-P1	RC: Both	NANO: Unknown	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	EU - Priority Endocrine Disruptors		Category 1 - In vivo evidence of Endocrine Disruption Activity	

SUBSTANCE NOTES:

LUBRICANT

ID: 110-30-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:56		
%: 0.0000 - 0.0390	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:				

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:57		
%: 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:				

ACETAMIDE, N-[5-[BIS[2-(ACETYLOXY)ETHYL] AMINO]-2-[(2-CHLORO-4,6-DINITROPHENYL)AZO]-4-METHOXYPHENYL]-

ID: 3618-73-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:57		
%: 0.0000 - 0.0930	GS: LT-P1	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:				

1-OCTENE, POLYMER WITH ETHENE

ID: 26221-73-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:58		
%: 0.0000 - 0.0890	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Impact modifier
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

ETHYLENE

ID: 74-85-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:58		
%: 0.0000 - 0.0690	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H220 - Extremely flammable gas [Flammable gases - Category 1]
SUBSTANCE NOTES:		

1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL AND HEXANEDIOIC ACID

ID: 25950-34-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:33:59		
%: 0.0000 - 0.0640	GS: NoGS	RC: Both	NANO: Unknown	SUBSTANCE ROLE: Powder coating
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: 2021-12-27 13:33:59		
%: 0.0000 - 0.0550	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:				

DGEBPA-B

ID: 25036-25-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:34:00		
%: 0.0000 - 0.0470	GS: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Reagent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	EU - Priority Endocrine Disruptors		Category 1 - In vivo evidence of Endocrine Disruption Activity	
SUBSTANCE NOTES:				

PROPANENITRILE, 3-[[2-(ACETYLOXY)ETHYL][4- [(2,6-DICHLORO-4-NITROPHENYL)AZO]PHENYL]AMINO]-

ID: 5261-31-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:34:00		
%: 0.0000 - 0.0460	GS: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)		

SUBSTANCE NOTES:

FATTY ACIDS, C14-18

ID: **67701-02-4**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:34:01		
%: 0.0000 - 0.0390	GS: NoGS	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:				

FERRUM DIOXIDE

ID: **1332-37-2**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:34:02		
%: 0.0000 - 0.0390	GS: LT-UNK	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:				

HEXADECANAMIDE, N,N'-1,2-ETHANEDIYLBIS-

ID: **5518-18-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-27 13:34:02		
%: 0.0000 - 0.0390	GS: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Adhesive
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		SCS Indoor Advantage Gold - Classroom & Office scenario		
CERTIFYING PARTY: Third Party		ISSUE DATE: 2021-	EXPIRY DATE:	CERTIFIER OR LAB: SCS
APPLICABLE FACILITIES: All		11-01	2022-10-31	Global Services
CERTIFICATE URL:				
https://cdn.scs-certified.com/products/cert_pdfs/Humanscale_2021_SCS-IAQ-05426_s.pdf				
CERTIFICATION AND COMPLIANCE NOTES:				
MULTI-ATTRIBUTE		ANSI/BIFMA e3-2014e Furniture Sustainability Standard		
CERTIFYING PARTY: Third Party		ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB: SCS
APPLICABLE FACILITIES: Piscataway, NJ; Fresno, CA; Nogales, Mexico		2018-09-04	2022-04-30	Global Services
CERTIFICATE URL:				
https://cdn.scs-certified.com/products/cert_pdfs/Humanscale_2020_EXT_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 or 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**
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Piscataway New Jersey 08854, USA
 WEBSITE: <https://www.humanscale.com/>

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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.