

CLASSIFICATION: 12 51 00.00 FURNISHINGS: OFFICE FURNITURE

PRODUCT DESCRIPTION: THE RED DOT-AWARD WINNING TREA TEAMS A TIMELESS, CLEAN AESTHETIC WITH HIGH-PERFORMANCE FUNCTION. CREATED IN COLLABORATION WITH VISIONARY DESIGNER TODD BRACHER, TREA OFFERS INTUITIVE COMFORT BY MIMICKING THE INSTINCTIVE RECLINE OF THE HUMAN BODY AND EMBRACING THE SITTER IN A SUPPORTIVE SHELL.

Section 1: Summary

CONTENT INVENTORY

<p>Threshold per material</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input checked="" type="radio"/> Per GHS SDS</p> <p><input checked="" type="radio"/> Per OSHA MSDS</p> <p><input checked="" type="radio"/> Other</p>	<p>Residuals and impurities considered in 1 of 11 materials</p> <p><input checked="" type="radio"/> see Section 2: Material Notes</p> <p><input checked="" type="radio"/> see Section 5: General Notes</p>	<p>Based on the selected Content Inventory Threshold:</p> <p>Characterized.....</p> <p>Are the Percent Weight and Role provided for all substances? <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Screened.....</p> <p>Are all substances screened using Priority Hazard Lists with results disclosed? <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Identified.....</p> <p>Are all substances disclosed by Name (Specific or Generic) and Identifier? <input type="radio"/> Yes <input checked="" type="radio"/> No</p>
---	--	--

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

UNDISCLOSED [NYLON 6 **LT-UNK** SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN] ALUMINIUM A380.0-F STEEL UNDISCLOSED [POLYPROPYLENE **LT-UNK** TALC **BM-3** | CAN ANOX 20 **LT-UNK** EPOXIDIZED SOYBEAN OIL **LT-UNK** QUARTZ **LT-1** | CAN CHLORITE **UNK**] UNDISCLOSED [NYLON 6 **LT-UNK** ETHYLENE-PROPYLENE COPOLYMER **LT-UNK** ANOX 20 **LT-UNK**] UNDISCLOSED [NYLON 6 **LT-UNK** ZINC SULFIDE **LT-UNK** POLYETHYLENE **LT-UNK** C.I. PIGMENT VIOLET 15 **LT-P1** | MUL] ALUMINUM 6061-T6 BRASS RUBMIX 10 [NATURAL RUBBER LATEX **LT-UNK** | RES] UNDISCLOSED [HEXANEDIOIC ACID, POLYMER WITH 1,4-BUTANEDIOL, 1,1'-METHYLENEBIS[4-ISOCYANATOBENZENE] AND 2,2'-[1,4-PHENYLENEBIS(OXY)]BIS[ETHANOL] **LT-UNK**] UNDISCLOSED [POLYPROPYLENE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN] END POLYETHYLENE **LT-UNK** ZINC STEARATE **LT-P1** ULTRAMARINE (PIGMENT) **LT-UNK** C.I. PIGMENT VIOLET 15 **LT-P1** | MUL]

Number of Greenscreen BM-4/BM3 contents..... 1

Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1

Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: GREENGUARD GOLD_Trea
Multi-attribute: Level 2_Seating

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: April 10, 2017	EXPIRY DATE*: April 10, 2020
<input checked="" type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: April 10, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

UNDISCLOSED %: 33.1600 - 33.1600 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Nylon

NYLON 6

ID: 25038-54-4

%: GS: LT-UNK RC: None NANO: NO ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

%: GS: LT-UNK RC: None NANO: NO ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES:

ALUMINIUM A380.0-F %: 30.6700 - 30.6700 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Aluminum Die Casting alloy A380

STEEL

%: 18.9300 - 18.9300 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Cold Rolled Steel, AISI 12L14 and SAE 1215MMS

UNDISCLOSED

%: 7.9500 - 7.9500 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: Yes

Material Notes: Polypropylene

POLYPROPYLENE

ID: 9003-07-0

%: 70.0000 - 80.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Base resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Base resin

TALC

ID: 14807-96-6

%: 18.0000 - 23.0000

GS: BM-3

RC: None

NANO: NO

ROLE: filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

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

SUBSTANCE NOTES: Talc filler

ANOX 20

ID: 6683-19-8

%: 0.2000 - 0.2000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

%: 0.0500 - 0.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

QUARTZ

ID: 14808-60-7

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1: Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man

SUBSTANCE NOTES: Impurity in Talc filler

CHLORITE

ID: 1318-59-8

%: Impurity/Residual GS: UNK RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Impurity in Talc Filler

UNDISCLOSED

%: 2.6800 - 2.6800 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Nylon 6 for casters

NYLON 6

ID: 25038-54-4

%: 75.0000 - 95.0000 GS: LT-UNK RC: None NANO: NO ROLE: base resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Nylon 6 resin

ETHYLENE-PROPYLENE COPOLYMER

ID: 9010-79-1

%: 5.0000 - 20.0000 GS: LT-UNK RC: None NANO: NO ROLE: Modifier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Nylon modifier

ANOX 20

ID: 6683-19-8

%: 3.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Additive
--------------------	------------	----------	----------	----------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

UNDISCLOSED**%: 2.3100 - 2.3100 HPD URL:**

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Colorant

NYLON 6

ID: 25038-54-4

%: 50.0000 - 60.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Carrier resin
----------------------	------------	----------	----------	---------------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Carrier resin

ZINC SULFIDE

ID: 1314-98-3

%: 35.0000 - 45.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Additive
----------------------	------------	----------	----------	----------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

POLYETHYLENE

ID: 9002-88-4

%: 10.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Additive
----------------------	------------	----------	----------	----------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

C.I. PIGMENT VIOLET 15

ID: 12769-96-9

%: 1.0000 - 1.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Pigment

ALUMINUM 6061-T6

%: 1.5200 - 1.5200 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Aluminum alloy

BRASS

%: 1.3400 - 1.3400 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Zinc and copper alloy

RUBMIX 10

%: 0.5100 - 0.5100 HPD URL:

Inventory Threshold: Per GHS SDS Residuals Considered: No

Material Notes: Rubber

NATURAL RUBBER LATEX

ID: 9006-04-6

%: 100.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Rubber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Rubber

UNDISCLOSED

%: 0.3900 - 0.3900 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Thermoplastic Polyurethane

HEXANEDIOIC ACID, POLYMER WITH 1,4-BUTANEDIOL, 1,1'-METHYLENEBIS[4-ISOCYANATOBENZENE] AND 2,2'-[1,4-PHENYLENEBIS(OXY)]BIS[ETHANOL]

ID: 32238-28-1

%: 100.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Base resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Base resin

UNDISCLOSED

%: 0.3400 - 0.3400 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

POLYPROPYLENE

ID: 9003-07-0

%: 45.0000 - 55.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Carrier resin
----------------------	------------	----------	----------	---------------------

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Carrier resin

TITANIUM DIOXIDE

ID: 13463-67-7

%: 40.0000 - 50.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment
----------------------	----------	----------	----------	---------------

HAZARDS:

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

SUBSTANCE NOTES: Pigment

POLYETHYLENE

ID: 9002-88-4

%: 10.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Carrier resin
----------------------	------------	----------	----------	---------------------

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Carrier resin

ZINC STEARATE

ID: 557-05-1

%: 2.0000 - 2.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: Additive
--------------------	-----------	----------	----------	----------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

ULTRAMARINE (PIGMENT)

ID: 57455-37-5

%: 1.0000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Pigment

C.I. PIGMENT VIOLET 15

ID: 12769-96-9

%: 1.0000 - 1.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Pigment



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

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Piscataway, NJ Fresno, CA

CERTIFICATE URL:

<https://spot.ulprospector.com/en/na/BuiltEnvironment/Detail/32473/671791/Trea?st=1&sl=45167286&crit=a2V5d29yZDpbVHJlYV0%3d&ss=2&k=Trea&t=>

CERTIFICATION AND COMPLIANCE NOTES:

MULTI-ATTRIBUTE

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Piscataway, NJ Fresno, CA

CERTIFICATE URL:

http://www.humanscale.com/UserFiles/File/level2_seating_2015-2018.pdf

CERTIFICATION AND COMPLIANCE NOTES:

Level 2_Seating

ISSUE

EXPIRY

CERTIFIER OR

DATE:

DATE: 2018-

LAB: SCS Global

2015-11-01

10-31

Services



Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

Legal Notice: This HPD lists only those known chemical ingredients in the Trea 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 Trea 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

CONTACT NAME: Luke Zhou

ADDRESS: 220 Circle Drive North
Piscataway, NJ 08854
USA

TITLE: Sr. Sustainability Analyst

PHONE: (732) 537-2944

WEBSITE: <https://www.humanscale.com/products/product.cfm?group=trea> EMAIL: lzhou@humanscale.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.