

CLASSIFICATION: CLASSIFICATION: 12 51 00.00 FURNISHINGS: OFFICE FURNITURE

PRODUCT DESCRIPTION: DESIGNED TO SUIT A RANGE OF SETTINGS, THE M2 ALLOWS THE USER TO BRING THEIR WORK TO THEM, VERSUS HAVING TO ADJUST TO A STATIC MONITOR STAND. M2'S ARTICULATING ARM OPTIONS OFFER EFFORTLESS HEIGHT AND DEPTH ADJUSTMENT, AND SUPPORT A WIDE RANGE OF FLAT-PANEL SCREENS THAT WEIGH 4 - 20 LBS. INSTEAD OF USING A GAS CYLINDER TO COUNTERBALANCE THE WEIGHT OF THE MONITOR, THE M2 MONITOR ARM USES EXTENSION-SPRING TECHNOLOGY. WITHOUT CLUNKY MECHANISMS TO COMPLICATE THE DESIGN, THE M2 OFFERS UNCOMPROMISING, LONG-TERM DURABILITY AND AN ULTRA-THIN DESIGN THAT COMPLEMENTS FLAT-PANEL MONITORS AND ATTACHMENTS FOR A TRULY FLEXIBLE WORKSTATION.

## Section 1: Summary

### CONTENT INVENTORY

- Threshold per material
- 100 ppm
  - 1,000 ppm
  - Per GHS SDS
  - Per OSHA MSDS
  - Other

- Residuals and impurities considered in 0 of 9 materials
- see Section 2: Material Notes
  - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

|   |                                  |                                  |
|---|----------------------------------|----------------------------------|
| Characterized.....  | <input checked="" type="radio"/> | <input type="radio"/>            |
| Are the Percent Weight and Role provided for all substances?                    | Yes                              | No                               |
| Screened.....   | <input checked="" type="radio"/> | <input type="radio"/>            |
| Are all substances screened using Priority Hazard Lists with results disclosed? | Yes                              | No                               |
| Identified.....   | <input type="radio"/>            | <input checked="" type="radio"/> |
| Are all substances disclosed by Name (Specific or Generic) and Identifier?      | 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**

STEEL ALUMINIUM A380.0-F UNDISCLOSED [ ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER **LT-UNK** 1,2-BIS(OCTADECANAMIDO)ETHANE **LT-UNK** ] UNDISCLOSED [ 1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN COBALT OXIDE **LT-1** | MAM | SKI | AQU | RES | CAN | MUL | GEN IRON OXIDE **LT-UNK** ] UNDISCLOSED [ ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER **LT-UNK** POLYCARBONATE **LT-UNK** STEARIC ACID, TETRAESTER WITH PENTAERYTHRITOL **UNK** ] NICKEL PLATING ZINC PLATING CHROMIUM PLATING UNDISCLOSED [ BUTYL ACETATE **LT-UNK** N-BUTANOL **BM-2** | MAM | SKI | EYE AROMATIC NAPHTHA, TYPE 1 **LT-1** | CAN | GEN | MAM | MUL ISOBUTYL ALCOHOL **BM-2** | SKI | EYE ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) **LT-P1** | MAM | EYE | SKI | END | CAN ]

Number of Greenscreen BM-4/BM3 contents..... 0  
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1  
Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

The inventory threshold for this HPD is 100ppm of the product. Not all materials are shown to be "Screened", because the GS LT and Hazards information of one material is screened by our supplier and manually added into this HPD.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### CERTIFICATIONS AND COMPLIANCE

VOC emissions: Indoor Advantage Gold\_Monitor Arm  
Multi-attribute: Level\_Monitor Arm

See Section 3 for additional listings.

|  |                 |                                  |  |
|--|-----------------|----------------------------------|--|
| <input checked="" type="radio"/> Self-Published* | VERIFIER:       | SCREENING DATE: November 3, 2016 | EXPIRY DATE*: November 3, 2019                                 |
| <input type="radio"/> Third Party Verified       | VERIFICATION #: | RELEASE DATE: November 3, 2016   | * 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](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

**STEEL** %: **58.6500 - 58.6500** HPD URL:  
Inventory Threshold: 100 ppm Residuals Considered: No  
Material Notes: Carbon Steel 1020, 1018 and 1045 Stainless Steel SUS 301

**ALUMINIUM A380.0-F** %: **35.8200 - 35.8200** HPD URL:  
Inventory Threshold: 100 ppm Residuals Considered: No  
Material Notes: Aluminum A380 and A384

**UNDISCLOSED** %: **2.4700 - 2.4700** HPD URL:  
Inventory Threshold: 100 ppm Residuals Considered: No  
Material Notes: Side cover material

**ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER** ID: 9003-56-9

%: 98.3000 - 99.0000 GS: LT-UNK RC: None NANO: NO ROLE: base resin

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

SUBSTANCE NOTES: main composition of the polymer

**1,2-BIS(OCTADECANAMIDO)ETHANE** ID: 110-30-5

%: 1.5000 - 2.0000 GS: LT-UNK RC: None NANO: NO ROLE: Additive

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

**UNDISCLOSED** %: **1.8200 - 1.8200** HPD URL:  
Inventory Threshold: 100 ppm Residuals Considered: No  
Material Notes: VESA Alignment, Washer

**1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE** ID: 24969-26-4

%: 95.0000 - 99.5000 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

**TITANIUM DIOXIDE**

ID: 13463-67-7

%: 2.0000 - 5.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

**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 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

SUBSTANCE NOTES: Pigment

**COBALT OXIDE**

ID: 1307-96-6

%: 0.1000 - 0.1000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

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

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

CANCER

CA EPA - Prop 65

Carcinogen

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life M = 10

SKIN IRRITATION

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization

GENE MUTATION MAK Germ Cell Mutagen 3a

SUBSTANCE NOTES: Pigment

**IRON OXIDE** ID: 1332-37-2

%: 0.0500 - 0.0500 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

**UNDISCLOSED** %: 0.8500 - 0.8500 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes: Base Link Cover

**ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER** ID: 9003-56-9

%: 54.8000 - 60.0000 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

**POLYCARBONATE** ID: 25037-45-0

%: 44.9000 - 59.0000 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: The CAS numbers provided by the supplier can not be found on the HPD builder. The CAS numbers provided are 24936-68-3 or 25929-04-8,

**STEARIC ACID, TETRAESTER WITH PENTAERYTHRITOL** ID: 115-83-3

%: 0.2000 - 0.5000 GS: UNK RC: None NANO: NO ROLE: Additive

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additive

**NICKEL PLATING**      %: 0.0900 - 0.0900    HPD URL:

Inventory Threshold: 100 ppm    Residuals Considered: No

Material Notes: Nickel Plating

**ZINC PLATING**      %: 0.0300 - 0.0300    HPD URL:

Inventory Threshold: 100 ppm    Residuals Considered: No

Material Notes: Zinc Plating

**CHROMIUM PLATING**      %: 0.0200 - 0.0200    HPD URL:

Inventory Threshold: 100 ppm    Residuals Considered: No

Material Notes:

**UNDISCLOSED**      %: 0.0100 - 0.0100    HPD URL:

Inventory Threshold: Per GHS SDS    Residuals Considered: No

Material Notes: Powder Coating, all substances above 100ppm of the product is disclosed.

**BUTYL ACETATE**

ID: 123-86-4

%: 5.0000 - 15.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Solvent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Powder Coating Solvent, this substance won't stay on the final product.

**N-BUTANOL**

ID: 71-36-3

%: 4.0000 - 10.0000

GS: BM-2

RC: None

NANO: NO

ROLE: Coating Solvent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

EYE IRRITATION

EU - R-phrases

R41 - Risk of serious damage to eyes

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

SUBSTANCE NOTES: Coating Solvent, this substance won't stay on the final product.

|                    |          |          |          |               |
|--------------------|----------|----------|----------|---------------|
| %: 4.0000 - 8.0000 | GS: LT-1 | RC: None | NANO: NO | ROLE: Solvent |
|--------------------|----------|----------|----------|---------------|

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

|               |   |  |
|---------------|---|--|
| CANCER        | EU - R-phrases                              | R45 - May cause cancer   |
| GENE MUTATION | EU - R-phrases                              | R46 - May cause heritable genetic damage   |
| MAMMALIAN     | EU - GHS (H-Statements)                     | H304 - May be fatal if swallowed and enters airways  |
| GENE MUTATION | EU - GHS (H-Statements)                     | H340 - May cause genetic defects   |
| CANCER        | EU - GHS (H-Statements)                     | H350 - May cause cancer  |
| CANCER        | EU - REACH Annex XVII CMRs                  | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| GENE MUTATION | EU - REACH Annex XVII CMRs                  | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man       |
| MULTIPLE      | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| MULTIPLE      | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters   |
| CANCER        | EU - Annex VI CMRs                          | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                          |
| GENE MUTATION | EU - Annex VI CMRs                          | Mutagen - Category 1B  |

SUBSTANCE NOTES: Powder Coating Solvent, this substance won't stay on the final product.

## ISOBUTYL ALCOHOL

ID: 78-83-1

|                    |          |          |          |               |
|--------------------|----------|----------|----------|---------------|
| %: 0.0000 - 3.0000 | GS: BM-2 | RC: None | NANO: NO | ROLE: Solvent |
|--------------------|----------|----------|----------|---------------|

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

|                 |                         |                                      |
|-----------------|-------------------------|--------------------------------------|
| SKIN IRRITATION | EU - R-phrases          | R38 - Irritating to skin             |
| EYE IRRITATION  | EU - R-phrases          | R41 - Risk of serious damage to eyes |
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation        |
| EYE IRRITATION  | EU - GHS (H-Statements) | H318 - Causes serious eye damage     |

SUBSTANCE NOTES: Powder Coating Solvent, this substance won't stay on the final product.

## ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE)

ID: 111-76-2

|                    |           |          |          |               |
|--------------------|-----------|----------|----------|---------------|
| %: 0.0000 - 1.0000 | GS: LT-P1 | RC: None | NANO: NO | ROLE: Solvent |
|--------------------|-----------|----------|----------|---------------|

| HAZARDS:        |                                       | AGENCY(IES) WITH WARNINGS:   |
|-----------------|---------------------------------------|--|
| MAMMALIAN       | EU - R-phrases                        | R20 - Harmful by Inhalation (gas or vapor or dust/mist)                          |
| MAMMALIAN       | EU - R-phrases                        | R21 - Harmful in Contact with Skin   |
| MAMMALIAN       | EU - R-phrases                        | R22 - Harmful if Swallowed   |
| EYE IRRITATION  | EU - R-phrases                        | R36 - Irritating to eyes   |
| SKIN IRRITATION | EU - R-phrases                        | R38 - Irritating to skin   |
| SKIN IRRITATION | EU - GHS (H-Statements)               | H315 - Causes skin irritation  |
| EYE IRRITATION  | EU - GHS (H-Statements)               | H319 - Causes serious eye irritation   |
| 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: Powder Coating Solvent, this substance won't stay on the final product.

## 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.

### MULTI-ATTRIBUTE

CERTIFYING PARTY: Third Party  
 APPLICABLE FACILITIES: Piscataway, NJ  
 CERTIFICATE URL:  
[http://www.humanscale.com/UserFiles/File/level2\\_monitorarms\\_healthcare\\_2015-18.pdf](http://www.humanscale.com/UserFiles/File/level2_monitorarms_healthcare_2015-18.pdf)  
 CERTIFICATION AND COMPLIANCE NOTES:

### Level\_Monitor Arm

| ISSUE DATE: | EXPIRY DATE: | CERTIFIER OR LAB:   |
|-------------|--------------|---------------------|
| 2015-11-01  | 2018-10-31   | SCS Global Services |

### VOC EMISSIONS

CERTIFYING PARTY: Third Party  
 APPLICABLE FACILITIES: Piscataway, NJ  
 CERTIFICATE URL:  
[http://www.humanscale.com/UserFiles/File/scs\\_monitorarms\\_2015-16.pdf](http://www.humanscale.com/UserFiles/File/scs_monitorarms_2015-16.pdf)  
 CERTIFICATION AND COMPLIANCE NOTES:

### Indoor Advantage Gold\_Monitor Arm

| ISSUE DATE: | EXPIRY DATE: | CERTIFIER OR LAB:   |
|-------------|--------------|---------------------|
| 2015-11-01  | 2016-10-31   | SCS Global Services |

## Section 4: Accessories

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

## Section 5: General Notes

**Legal Notice:** This HPD lists only those known chemical ingredients in the M2 monitor arm as provided by Humanscale's suppliers, and that account for 0.01% or more of the total monitor arm 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 M2 monitor arm 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







## MANUFACTURER INFORMATION

MANUFACTURER: Humanscale

CONTACT NAME: Luke Zhou

ADDRESS: 220 Circle Drive N  
Piscataway Township, NJ 08854  
USA

TITLE: Sr. Sustainability Analyst

PHONE: (732) 537-2944

WEBSITE: <http://www.humanscale.com/products/product.cfm?group=M2> EMAIL: [lzhou@humanscale.com](mailto: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.