

CLASSIFICATION: 12 51 00.00 Furnishings: Office Furniture

PRODUCT DESCRIPTION: Style, comfort and utility come together in the Cinto chair, a stackable office chair that breaks the number one rule for stacking chairs: it's comfortable. Like Humanscale's ergonomic task chairs, Cinto was built to support the human body by minimizing pressure points and discomfort. SKU: C25S53

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

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

Residuals/Impurities

Residuals/Impurities  
Considered in 0 of 12 Materials

Explanation(s) provided  
for Residuals/Impurities?

- Yes  No

All Substances Above the Threshold Indicated Are:

Characterized  Yes Ex/SC  Yes  No  
% weight and role provided for all substances.

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](#)

STEEL [ STEEL NoGS ] UNDISCLOSED [ POLYPROPYLENE LT-UNK  
CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK 3,3'-  
THIOBISPROPANOIC ACID, DIOCTADECYL ESTER LT-UNK 1,3,5-  
TRIAZINE-2,4,6(1H,3H,5H)-TRIONE,1,3,5-TRIS((3,5-BIS(1,1-  
DIMETHYLETHYL)-4-HYDROXYPHENYL)METHYL)-(9CI) LT-UNK  
GLYCERIDES, C14-18 MONO- AND DI- LT-UNK ] UNDISCLOSED [  
POLYPROPYLENE LT-UNK CONTINUOUS FILAMENT GLASS FIBER, NON-  
RESPIRABLE LT-UNK 3,3'-THIOBISPROPANOIC ACID, DIOCTADECYL  
ESTER LT-UNK GLYCERIDES, C14-18 MONO- AND DI- LT-UNK 1,3,5-  
TRIAZINE-2,4,6(1H,3H,5H)-TRIONE,1,3,5-TRIS((3,5-BIS(1,1-  
DIMETHYLETHYL)-4-HYDROXYPHENYL)METHYL)-(9CI) LT-UNK ] ADC 12 [  
ALUMINUM NoGS SILICON LT-UNK COPPER LT-UNK IRON LT-P1 | END  
ZINC LT-P1 | AQU | PHY | END | MUL MAGNESIUM LT-UNK | PHY  
MANGANESE LT-P1 | END | MUL | REP NICKEL LT-1 | RES | CAN | SKI |  
MAM | MUL 7M LT-UNK ] UNDISCLOSED [ UNDISCLOSED LT-UNK  
UNDISCLOSED LT-UNK POLYPROPYLENE LT-UNK UNDISCLOSED LT-  
UNK TITANIUM DIOXIDE LT-1 | CAN | END POLYPROPYLENE LT-UNK  
POLYETHYLENE LT-UNK UNDISCLOSED LT-UNK | PBT UNDISCLOSED  
LT-UNK UNDISCLOSED LT-UNK ] UNDISCLOSED [ HEXANEDIOIC ACID,  
POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 1,6-  
HEXANEDIAMINE LT-UNK POLYETHYLENE LT-UNK ] UNDISCLOSED [  
POLYETHYLENE LT-UNK ] UNDISCLOSED [ 1-BUTENE, POLYMER WITH  
ETHENE LT-UNK ZINC SULFIDE LT-UNK UNDISCLOSED LT-UNK CARBON  
BLACK LT-1 | CAN UNDISCLOSED BM-2 | CAN POLYETHYLENE LT-UNK  
POLYETHYLENE LT-UNK ] UNDISCLOSED [ UNDISCLOSED LT-P1 | END  
UNDISCLOSED LT-P1 UNDISCLOSED BM-2 | CAN TITANIUM DIOXIDE LT-  
1 | CAN | END ALUMINUM POWDER (PYROPHORIC) LT-P1 | RES | PHY |  
END SILICA GEL LT-UNK UNDISCLOSED LT-P1 | MUL ] UNDISCLOSED [

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:

Specific material resins aren't disclosed to protect the proprietary information from the supply chain.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional listings.

VOC emissions: SCS Indoor Advantage Gold - Classroom & Office scenario  
Multi-attribute: BIFMA Furniture Sustainability Level 3 (e3-2014)

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-04-03

PUBLISHED DATE: 2019-04-03

EXPIRY DATE: 2022-04-03



## 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 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### STEEL

%: 52.5000 - 53.5000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not considered.

OTHER MATERIAL NOTES:

### STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-03

%: 100.0000 - 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Alloy

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

### UNDISCLOSED

%: 15.2100 - 15.2200

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not considered.

OTHER MATERIAL NOTES:

### POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-03

%: 80.0000 - 99.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: PP Resin

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **0.1000 - 5.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Reinforcement Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**3,3'-THIOBISPROPANOIC ACID, DIOCTADECYL ESTER**

ID: 693-36-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **0.1000 - 5.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Lubricant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE,1,3,5-TRIS((3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)METHYL)-(9CI)**

ID: 27676-62-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **0.1000 - 5.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **UV Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

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

ID: 67701-33-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **0.1000 - 5.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Lubricant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**UNDISCLOSED****%: 12.0000 - 12.5000**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not considered.

OTHER MATERIAL NOTES:

**POLYPROPYLENE**

ID: 9003-07-0

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

HAZARD SCREENING DATE: **2019-04-03**

#: **80.0000 - 99.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **PP Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

No hazards found

SUBSTANCE NOTES:

**CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**

ID: 65997-17-3

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.1000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Reinforcement Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

No hazards found

SUBSTANCE NOTES:

**3,3'-THIOBISPROPANOIC ACID, DIOCTADECYL ESTER**

ID: 693-36-7

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.1000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

No hazards found

SUBSTANCE NOTES:

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

ID: 67701-33-1

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.1000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

No hazards found

SUBSTANCE NOTES:

**1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE,1,3,5-TRIS((3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)METHYL)-(9CI)**

ID: 27676-62-6

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.1000 - 5.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **UV Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**ADC 12**

#: **7.0000 - 7.1000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES:

**ALUMINUM**

ID: 91728-14-2

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

HAZARD SCREENING DATE: **2019-04-03**

#: **85.0000 - 87.0000**

GS: **NoGS**

RC: **Both**

NANO: **No**

ROLE: **Alloy Element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**SILICON**

ID: 7440-21-3

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

HAZARD SCREENING DATE: **2019-04-03**

#: **9.6000 - 12.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**COPPER**

ID: 7440-50-8

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

HAZARD SCREENING DATE: **2019-04-03**

#: **1.5000 - 3.5000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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No hazards found

SUBSTANCE NOTES:

## IRON

ID: 7439-89-6

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.8000 - 0.9000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

## ZINC

ID: 7440-66-6

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.5000 - 1.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

## MAGNESIUM

ID: 7439-95-4

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.3000 - 0.3000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES:

## MANGANESE

ID: 7439-96-5

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

HAZARD SCREENING DATE: **2019-04-03**

#: **0.2000 - 0.5000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Alloy element**

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

SUBSTANCE NOTES:

## NICKEL

ID: 7440-02-0

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

HAZARD SCREENING DATE: **2019-04-03**

#: **Impurity/Residual**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Impurity/Residual**



HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 2B - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES:

**TIN**

ID: **7440-31-5**

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

HAZARD SCREENING DATE: **2019-04-03**

#: **Impurity/Residual**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

SUBSTANCE NOTES:

**UNDISCLOSED**

**#: 5.9000 - 5.9500**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES: **TPE**

**UNDISCLOSED**

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

HAZARD SCREENING DATE: **2019-04-03**

#: **30.0000 - 35.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Raw Material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

### UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-04-03**

#: **30.0000 - 35.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Raw Material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

### POLYPROPYLENE

ID: **9003-07-0**

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

HAZARD SCREENING DATE: **2019-04-03**

#: **20.0000 - 25.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Raw Material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

### UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-04-03**

#: **5.0000 - 10.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

### TITANIUM DIOXIDE

ID: **13463-67-7**

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

HAZARD SCREENING DATE: **2019-04-03**

#: 0.4000 - 0.6000

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

### POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-03

#: 0.3000 - 0.3500

GS: LT-UNK

RC: None

NANO: No

ROLE: Colorant Carrier

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES:

### POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-03

#: 0.2000 - 0.2000

GS: LT-UNK

RC: None

NANO: No

ROLE: Colorant carrier

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES:

### UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-03

#: 0.1000 - 0.2000

GS: LT-UNK

RC: None

NANO: No

ROLE: Additive

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EU - ESIS PBT	Under PBT evaluation

SUBSTANCE NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2019-04-03**

#: **0.1000 - 0.2000**      GS: **LT-UNK**      RC: **None**      NANO: **No**      ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

SUBSTANCE NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2019-04-03**

#: **0.1000 - 0.2000**      GS: **LT-UNK**      RC: **None**      NANO: **No**      ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

SUBSTANCE NOTES:

**UNDISCLOSED**

**%: 3.5000 - 3.5500**

PRODUCT THRESHOLD: **100 ppm**      RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES: **Nylon 6**

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

ID: 24993-04-2

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

HAZARD SCREENING DATE: **2019-04-03**

#: **97.0000 - 99.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**POLYETHYLENE**

ID: 9002-88-4

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

HAZARD SCREENING DATE: **2019-04-03**

#: **1.0000 - 2.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**UNDISCLOSED**

%: **1.2000 - 1.2500**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES: **LDPE**

**POLYETHYLENE**

ID: 9002-88-4

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

HAZARD SCREENING DATE: **2019-04-03**

#: **98.0000 - 100.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **LDPE Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**UNDISCLOSED**

%: **1.1500 - 1.2000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

**1-BUTENE, POLYMER WITH ETHENE**ID: **25087-34-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **50.0000 - 60.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Colorant carrier**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**ZINC SULFIDE**ID: **1314-98-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **30.0000 - 35.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Colorant additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **1.0000 - 5.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Blue Pigment****CARBON BLACK**ID: **1333-86-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **1.0000 - 1.0000**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-04-03**

%: **1.0000 - 1.0000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: **Red pigment**

**POLYETHYLENE**

ID: **9002-88-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-04-03**

%: **1.0000 - 3.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES:

**POLYETHYLENE**

ID: **9002-88-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-04-03**

%: **1.0000 - 3.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant additive**

**UNDISCLOSED**

%: **1.0000 - 1.0000**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PRODUCT THRESHOLD: <b>100 ppm</b>		RESIDUALS AND IMPURITIES CONSIDERED: <b>No</b>
No hazards found		

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

SUBSTANCE NOTES:  
OTHER MATERIAL NOTES:

**UNDISCLOSED**

%: **36.0000 - 37.0000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Powder Coating Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**ENDOCRINE****EU - Priority Endocrine Disruptors****Category 1 - In vivo evidence of Endocrine Disruption Activity**SUBSTANCE NOTES: **Epoxy Resin (MW>1100)****UNDISCLOSED**%: **26.0000 - 26.1000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Raw Material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**No hazards found**

SUBSTANCE NOTES:

**UNDISCLOSED**%: **16.0000 - 17.0000**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CANCER****MAK****Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**

SUBSTANCE NOTES:

**TITANIUM DIOXIDE**ID: **13463-67-7**%: **7.0000 - 7.5000**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pigment**



HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

### ALUMINUM POWDER (PYROPHORIC)

ID: 7429-90-5

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

HAZARD SCREENING DATE: **2019-04-03**

#: **3.2000 - 3.5000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES:

### SILICA GEL

ID: 112926-00-8

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

HAZARD SCREENING DATE: **2019-04-03**

#: **1.2000 - 1.2000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

SUBSTANCE NOTES:

### UNDISCLOSED

%: **1.0000 - 1.1000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Powder Coating Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

**UNDISCLOSED**%: **0.4400 - 0.4500**PRODUCT THRESHOLD: **100 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **No**RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES:

**ETHYLENE-PROPYLENE COPOLYMER**ID: **9010-79-1**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-04-03**%: **99.5000 - 99.9000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Base resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**UNDISCLOSED**%: **0.3000 - 0.3000**PRODUCT THRESHOLD: **100 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **No**RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES:

**POLYPROPYLENE**

ID: 9003-07-0

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

HAZARD SCREENING DATE: **2019-04-03**

#: **99.0000 - 100.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Raw material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**UNDISCLOSED**

#: **0.0100 - 0.0100**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are not considered.**

OTHER MATERIAL NOTES:

**NYLON 6**

ID: 25038-54-4

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

HAZARD SCREENING DATE: **2019-04-03**

#: **100.0000 - 100.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Base resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Base resin**

## 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: **2019-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **SCS Global**

APPLICABLE FACILITIES: **Piscataway, NJ Fresno, CA**

**03-11**

**10-31**

**Services**

**Dublin, Ireland**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

### MULTI-ATTRIBUTE

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

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE: **2021-**

CERTIFIER OR LAB: **SCS Global**

APPLICABLE FACILITIES: **Piscataway, NJ Fresno, CA**

**09-04**

**10-31**

**Services**

**Dublin, Ireland**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

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

No accessories are required for this product.

## Section 5: General Notes

**Legal Notice:** This HPD lists only those known chemical ingredients in the Cinto 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 Cinto chair may contain certain chemicals that are not listed herein. Additionally, as the hazards information provided herein was generated under license using the HPDC Online Builder, Humanscale does not warrant that the hazard information or health effects provided by HPDC or its Authoritative Hazard List are accurate or apply to every context in which the chemicals may be used.



## MANUFACTURER INFORMATION

MANUFACTURER: **Humanscale**

ADDRESS: **220 CIRCLE DRIVE N**

**Piscataway NEW JERSEY 08854, United States**

WEBSITE:

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

CONTACT NAME: **Luke Zhou**

TITLE: **Lead Sustainable Materials Specialist**

PHONE: **7325372944**

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

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

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

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

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

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

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

**NoGS** 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 Terms

#### 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*

