

CLASSIFICATION: 08 11 00

created via: HPDC Online Builder

**PRODUCT DESCRIPTION:** This HPD covers non-insulated steel access doors by Les Industries Cendrex Inc. More specifically, this HPD covers non-insulated steel access doors models : AHA, AHA-GYP, AHA-PLY, AHD, AHD-GYP, AHD-PLY, AHD-SS, CTR, CTR-MAG, DRD, DRD-GYP, DRD-PLY, EDG-GYP, LHD, LHD-GYP, LHD-PLY, MDS, PFN, PFN-GYP, PFN-PLY, PHS, RMD, SFM, FLE. Non-insulated access doors are built in order to access anything that is found behind a wall or a ceiling. Since wall & ceiling surfaces vary immensely, Cendrex's access doors are available in different dimensions and materials to achieve optimal usage efficiency and esthetics. In addition, different options are also complementary to this product.

**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 2 of 17 Materials

**Explanation(s) provided for Residuals/Impurities?**

- Yes  No

*Are All Substances Above the Threshold Indicated:*

**Characterized**

*Percent Weight and Role Provided?*

- Yes  No

**Screened**

*Using Priority Hazard Lists with Results Disclosed?*

- Yes  No

**Identified**

*Name and Identifier Provided?*

- 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**

COLD ROLLED STEEL [ IRON (IRON) **LT-P1** | END MANGANESE (MANGANESE) **LT-P1** | END | MUL | REP CHROMIUM (CHROMIUM) **LT-P1** | RES | END | SKI NICKEL (NICKEL) **LT-1** | CAN | RES | SKI | MAM | MUL LEAD (LEAD) **LT-1** | MAM | DEL | CAN | PBT | REP | AQU | MUL | END | GEN CADMIUM (CADMIUM) **LT-1** | CAN | DEL | PBT | REP | AQU | MAM | GEN | MUL | END | PHY ] STAINLESS STEEL [ IRON (IRON) **LT-P1** | END CHROMIUM (CHROMIUM) **LT-P1** | RES | END | SKI NICKEL (NICKEL) **LT-1** | CAN | RES | SKI | MAM | MUL SILICON (SILICON) **LT-UNK** MANGANESE (MANGANESE) **LT-P1** | END | MUL | REP MOLYBDENUM (MOLYBDENUM) **LT-UNK** TITANIUM (TITANIUM) **LT-UNK** COPPER (COPPER) **LT-UNK** COBALT (COBALT) **LT-1** | RES | CAN | SKI | MUL | GEN ] SATIN COAT STEEL [ IRON (IRON) **LT-P1** | END ZINC (ZINC) **LT-P1** | AQU | END | MUL | PHY MANGANESE (MANGANESE) **LT-P1** | END | MUL | REP CHROMIUM (CHROMIUM) **LT-P1** | RES | END | SKI NICKEL (NICKEL) **LT-1** | CAN | RES | SKI | MAM | MUL LEAD (LEAD) **LT-1** | MAM | DEL | CAN | PBT | REP | AQU | MUL | END | GEN CADMIUM (CADMIUM) **LT-1** | CAN | DEL | PBT | REP | AQU | MAM | GEN | MUL | END | PHY ] FRAME - GALVANIZED STEEL [ IRON (IRON) **LT-P1** | END ZINC (ZINC) **LT-P1** | AQU | END | MUL | PHY MANGANESE (MANGANESE) **LT-P1** | END | MUL | REP CHROMIUM (CHROMIUM) **LT-P1** | RES | END | SKI NICKEL (NICKEL) **LT-1** | CAN | RES | SKI | MAM | MUL LEAD (LEAD) **LT-1** | MAM | DEL | CAN | PBT | REP | AQU | MUL | END | GEN CADMIUM (CADMIUM) **LT-1** | CAN | DEL | PBT | REP | AQU | MAM | GEN | MUL | END | PHY ] PLASTIC CORNER [ NYLON 6 (NYLON 6) **LT-UNK** CAPROLACTAM (CAPROLACTAM) **LT-UNK** | SKI | EYE CARBON BLACK (CARBON BLACK) **LT-1** | CAN ZINC STEARATE (ZINC STEARATE) **LT-P1** ] HARDWARE/HINGE CR [ STEEL **NoGS** ] SCREW DRIVER CAM LATCH [ STEEL **NoGS** ZINC (ZINC) **LT-P1** | AQU | END | MUL | PHY IRON (IRON) **LT-P1** | END ] CORNER BEAD (GYP) & PLASTER FLANGE (PLY) [ IRON (IRON) **LT-P1** | END ZINC (ZINC) **LT-P1** | AQU | END

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:**

HPD prepared using a Nested Materials Inventory with a product threshold at 1,000 ppm. Cendrex's doors include a multitude of alternate steel-based materials. It was chosen in this HPD to group all steel access doors with the same function regardless of the steel used. Steel-based components are similar and the variation comes from alloying elements and/or surface treatment which both represent small quantities in the overall steel products. More details about how residuals and impurities were considered available in the appropriate sections. Special Conditions materials are present in the product: metal alloy material and reaction and polymer products. Guidelines for reporting Special Conditions materials are still under development by HPDC and the manufacturer will update the HPD accordingly once these guidelines get published.

| MUL | PHY MANGANESE (MANGANESE) **LT-P1** | END | MUL | REP  
 CHROMIUM (CHROMIUM) **LT-P1** | RES | END | SKI NICKEL (NICKEL) **LT-1** |  
 CAN | RES | SKI | MAM | MUL **LEAD (LEAD)** **LT-1** | MAM | DEL | CAN | PBT |  
 REP | AQU | MUL | END | GEN **CADMIUM (CADMIUM)** **LT-1** | CAN | DEL |  
 PBT | REP | AQU | MAM | GEN | MUL | END | PHY ] **HARDWARE/BUTT**  
**HINGE PHS [ STEEL NoGS ZINC (ZINC)** **LT-P1** | AQU | END | MUL | PHY  
**IRON (IRON)** **LT-P1** | END ] **HARDWARE/MAGNET [ IRON (IRON)** **LT-P1** |  
 END **NEODYMIUM (NEODYMIUM)** **LT-UNK** **GALLIUM (GALLIUM)** **LT-UNK**  
**BORON (BORON)** **LT-UNK** **ALUMINUM (ALUMINUM)** **LT-P1** | RES | PHY |  
 END **COPPER (COPPER)** **LT-UNK** ] **HARDWARE/HINGE SS [ STAINLESS**  
**STEEL (STAINLESS STEEL)** **NoGS** ] **HARDWARE/SPRING [ IRON (IRON)**  
**LT-P1** | END **CARBON (CARBON)** **LT-UNK** **MANGANESE (MANGANESE)** **LT-**  
**P1** | END | MUL | REP **SILICON (SILICON)** **LT-UNK** **COPPER (COPPER)** **LT-**  
**UNK** **CADMIUM (CADMIUM)** **LT-1** | CAN | DEL | PBT | REP | AQU | MAM |  
 GEN | MUL | END | PHY **NICKEL (NICKEL)** **LT-1** | CAN | RES | SKI | MAM |  
 MUL ] **POWDER COAT [ UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-1** | CAN  
 | END **UNDISCLOSED** **NoGS** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-**  
**UNK** **UNDISCLOSED** **BM-3** **UNDISCLOSED** **LT-UNK** **CARBON BLACK**  
**(CARBON BLACK)** **LT-1** | CAN **FERRIC OXIDE (FERRIC OXIDE)** **BM-2** | CAN  
 ] **COLD ROLLED STEEL - DOOR PANEL [ IRON (IRON)** **LT-P1** | END  
**MANGANESE (MANGANESE)** **LT-P1** | END | MUL | REP **CHROMIUM**  
**(CHROMIUM)** **LT-P1** | RES | END | SKI **NICKEL (NICKEL)** **LT-1** | CAN | RES |  
 SKI | MAM | MUL **LEAD (LEAD)** **LT-1** | MAM | DEL | CAN | PBT | REP | AQU |  
 MUL | END | GEN **CADMIUM (CADMIUM)** **LT-1** | CAN | DEL | PBT | REP |  
 AQU | MAM | GEN | MUL | END | PHY ] **HARDWARE/SLAM LATCH LOCK [**  
**STEEL NoGS ZINC (ZINC)** **LT-P1** | AQU | END | MUL | PHY **IRON (IRON)** **LT-**  
**P1** | END ] **HARDWARE/SAFETY CABLE (FTE) [ THERMOPLASTIC**  
**ELASTOMER NoGS STYRENE BUTADIENE RUBBER (SBR)** **LT-UNK** ]  
**BRACKET COLD ROLLED [ STEEL 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: CDPH Standard Method - Not tested

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party  
Verified?

PREPARER: Self-Prepared  
 VERIFIER:  
 VERIFICATION #:

SCREENING DATE: 2018-02-27  
 PUBLISHED DATE: 2018-03-20  
 EXPIRY DATE: 2021-02-27

- Yes
- No

## 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)

### COLD ROLLED STEEL

%: 0.0000 - 97.5000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

OTHER MATERIAL NOTES: Cold rolled Steel panel

### IRON (IRON)

ID: 7439-89-6

%: **95.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Main element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

### MANGANESE (MANGANESE)

ID: 7439-96-5

%: **0.0000 - 2.2250** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH 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: See Other Materials Notes.

### CHROMIUM (CHROMIUM)

ID: 7440-47-3

%: **0.0000 - 0.6500** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other Materials Notes.

### NICKEL (NICKEL)

ID: 7440-02-0

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
%: <b>0.0000 - 0.0250</b>	GS: <b>LT-1</b>	RC: <b>None</b>
		NANO: <b>No</b>
		ROLE: <b>Alloying element</b>
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	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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: See Other Materials Notes.

### LEAD (LEAD)

ID: 7439-92-1

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
%: <b>Impurity/Residual</b>	GS: <b>LT-1</b>	RC: <b>None</b>
		NANO: <b>No</b>
		ROLE: <b>Impurity/Residual</b>
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans

CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)	Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs	PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
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
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A

**CADMIUM (CADMIUM)**ID: **7440-43-9**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List	Carcinogenic - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
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
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens

CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
CANCER	Malaysia - GHS	H350 - May cause cancer
CANCER	Australia - GHS	H350 - May cause cancer
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

SUBSTANCE NOTES: See Residuals and Impurities Notes.

## STAINLESS STEEL

%: **0.0000 - 97.5000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Galvanized steel sheet panel

## IRON (IRON)

ID: **7439-89-6**

%: **68.5000 - 87.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Main element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

## CHROMIUM (CHROMIUM)

ID: **7440-47-3**

%: **11.5000 - 26.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other Materials Notes.

**NICKEL (NICKEL)**ID: **7440-02-0**

%: <b>1.5000 - 37.0000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
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	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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: See Other Materials Notes.

**SILICON (SILICON)**ID: **7440-21-3**

%: <b>0.0000 - 2.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: See Other Materials Notes.

**MANGANESE (MANGANESE)**ID: **7439-96-5**

%: <b>0.0000 - 2.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
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HAZARDS:	AGENCY(IES) WITH 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: See Other Materials Notes.

### MOLYBDENUM (MOLYBDENUM)

ID: 7439-98-7

%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### TITANIUM (TITANIUM)

ID: 7440-32-6

%: **0.0000 - 0.7000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### COPPER (COPPER)

ID: 7440-50-8

%: **0.0000 - 0.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### COBALT (COBALT)

ID: 7440-48-4

%: **0.0000 - 0.6000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

RESPIRATORY

EU - GHS (H-Statements)

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

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: See Other Materials Notes.

## SATIN COAT STEEL

%: **0.0000 - 97.5000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

OTHER MATERIAL NOTES: Satin coat Steel sheet panel

### IRON (IRON)

ID: **7439-89-6**

%: **88.4000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Main element**

HAZARDS: AGENCY(IES) WITH WARNINGS:

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

### ZINC (ZINC)

ID: **7440-66-6**

%: **8.8000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Galvanizing element**

HAZARDS: AGENCY(IES) WITH WARNINGS:

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

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

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: See Other Material Notes. According to the manufacturer, zinc coating weight can be up to 20w% of total steel

weight. Since we do not have specific data, we are using the full range of 0.6% (15 g/m<sup>2</sup> per face) to 20% (500 g/m<sup>2</sup> per face).

### MANGANESE (MANGANESE)

ID: 7439-96-5

%: **0.0000 - 2.2250** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH 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: See Other Materials Notes.

### CHROMIUM (CHROMIUM)

ID: 7440-47-3

%: **0.0000 - 0.6500** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other Materials Notes.

### NICKEL (NICKEL)

ID: 7440-02-0

%: **0.0000 - 0.0250** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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

Reasonably Anticipated to be Human Carcinogen

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

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: See Other Materials Notes.

**LEAD (LEAD)**

ID: **7439-92-1**

#: <b>Impurity/Residual</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases			R20 - Harmful by Inhalation (gas or vapor or dust/mist)
DEVELOPMENTAL	EU - R-phrases			R61 - May cause harm to the unborn child
DEVELOPMENTAL	G&L - Neurotoxic Chemicals			Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens			(1986) Group B2 - Probable human Carcinogen
CANCER	IARC			Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC			Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65			Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65			Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)			Priority PBT
PBT	WA DoE - PBT			PBT
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens			Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)			Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs			PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern			PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants			Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs			Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs			Clear Evidence of Adverse Effects - Reproductive Toxicity
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

DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A

SUBSTANCE NOTES: See Residuals and Impurities Notes.

## CADMIUM (CADMIUM)

ID: **7440-43-9**

%: <b>Impurity/Residual</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	US EPA - IRIS Carcinogens			(1986) Group B1 - Probable human Carcinogen
CANCER	IARC			Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65			Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65			Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)			Priority PBT
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Male
CANCER	US CDC - Occupational Carcinogens			Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens			Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List			Carcinogenic - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern			PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants			Priority Persistent Pollutant - Tier 1

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
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
CANCER	Malaysia - GHS	H350 - May cause cancer
CANCER	Australia - GHS	H350 - May cause cancer
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

SUBSTANCE NOTES: See Residuals and Impurities Notes.

## FRAME - GALVANIZED STEEL

%: **0.0000 - 13.8000**

**HPD URL:**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

OTHER MATERIAL NOTES: Galvanized Steel component for FLE door

**IRON (IRON)**ID: **7439-89-6**

%: <b>88.4000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Main element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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SUBSTANCE NOTES: See Other Materials Notes.

**ZINC (ZINC)**ID: **7440-66-6**

%: <b>8.8000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Galvanizing element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
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CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
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ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
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PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
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SUBSTANCE NOTES: See Other Materials Notes. According to the manufacturer, zinc coating weight can be up to 20w% of total steel weight. Since we do not have specific data, we are using the full range of 0.6% (15 g/m<sup>2</sup> per face) to 20% (500 g/m<sup>2</sup> per face).**MANGANESE (MANGANESE)**ID: **7439-96-5**

%: <b>0.0000 - 2.2250</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
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SUBSTANCE NOTES: See Other Materials Notes.

**CHROMIUM (CHROMIUM)**ID: **7440-47-3**

%: <b>0.0000 - 0.6500</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other Materials Notes.

## NICKEL (NICKEL)

ID: 7440-02-0

#: **0.0000 - 0.0250**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Alloying element**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
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	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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: See Other Materials Notes.

## LEAD (LEAD)

ID: 7439-92-1

#: **Impurity/Residual**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen



CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)	Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs	PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
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
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A

SUBSTANCE NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

**CADMIUM (CADMIUM)**

ID: **7440-43-9**

#: <b>Impurity/Residual</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	US EPA - IRIS Carcinogens			(1986) Group B1 - Probable human Carcinogen
CANCER	IARC			Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65			Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65			Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)			Priority PBT
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Male
CANCER	US CDC - Occupational Carcinogens			Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens			Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List			Carcinogenic - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern			PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants			Priority Persistent Pollutant - Tier 1
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
MAMMALIAN	EU - GHS (H-Statements)			H330 - Fatal if inhaled
GENE MUTATION	EU - GHS (H-Statements)			H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)			H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)			H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)			H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs			Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List			CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors			Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters			Class 3 - Severe Hazard to Waters
CANCER	MAK			Carcinogen Group 1 - Substances that cause cancer in man
CANCER	Korea - GHS			Carcinogenicity - Category 1 [H350 - May cause cancer]

CANCER	EU - Annex VI CMRS	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
CANCER	Malaysia - GHS	H350 - May cause cancer
CANCER	Australia - GHS	H350 - May cause cancer
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

SUBSTANCE NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

## PLASTIC CORNER

%: **0.0000 - 3.8000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Component for FLE door

## NYLON 6 (NYLON 6)

ID: **25038-54-4**

%: **90.0000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Main element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

## CAPROLACTAM (CAPROLACTAM)

ID: **105-60-2**

%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: See Other Materials Notes.

**CARBON BLACK (CARBON BLACK)**

ID: 1333-86-4

#: <b>0.0000 - 0.5000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>
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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 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: See Other Materials Notes.

**ZINC STEARATE (ZINC STEARATE)**

ID: 557-05-1

#: <b>0.0000 - 0.7000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: See Other Materials Notes.

**HARDWARE/HINGE CR**#: **0.0000 - 2.0000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Hardware option

**STEEL**

ID: 12597-69-2

#: <b>100.0000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Main element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Information from manufacturer not available.

**SCREW DRIVER CAM LATCH**#: **0.0000 - 2.0000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

**STEEL**ID: **12597-69-2**

%: <b>90.0000 - 100.0000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Main element</b>
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## HAZARDS:

## AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**ZINC (ZINC)**ID: **7440-66-6**

%: <b>0.0000 - 9.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Galvanizing element</b>
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## HAZARDS:

## AGENCY(IES) WITH WARNINGS:

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

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

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: See Other Materials Notes.

**IRON (IRON)**ID: **7439-89-6**

%: <b>0.0000 - 1.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Galvanizing element</b>
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## HAZARDS:

## AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

**CORNER BEAD (GYP) & PLASTER FLANGE (PLY)**%: **0.0000 - 2.0000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

**IRON (IRON)**ID: **7439-89-6**

%: <b>77.5000 - 100.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Main element</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

**ZINC (ZINC)**ID: **7440-66-6**

%: <b>0.6000 - 20.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Galvanizing element</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

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

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

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: See Other Materials Notes. According to the manufacturer, zinc coating weight can be up to 20w% of total steel weight. Since we do not have specific data, we are using the full range of 0.6% (15 g/m<sup>2</sup> per face) to 20% (500 g/m<sup>2</sup> per face).**MANGANESE (MANGANESE)**ID: **7439-96-5**

%: <b>0.0000 - 1.8000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
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HAZARDS:

AGENCY(IES) WITH 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: See Other Materials Notes.

**CHROMIUM (CHROMIUM)**ID: **7440-47-3**

%: <b>0.0000 - 0.5000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other Materials Notes.

## NICKEL (NICKEL)

ID: **7440-02-0**

#: **0.0000 - 0.2000**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Alloying element**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
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	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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: See Other Materials Notes.

## LEAD (LEAD)

ID: **7439-92-1**

#: **Impurity/Residual**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant

CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)	Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs	PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
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
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a



SUBSTANCE NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

**CADMIUM (CADMIUM)**ID: **7440-43-9**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
%: <b>Impurity/Residual</b>	GS: <b>LT-1</b>	RC: <b>None</b>
		NANO: <b>No</b>
		ROLE: <b>Impurity/Residual</b>
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List	Carcinogenic - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
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
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man

CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
CANCER	Malaysia - GHS	H350 - May cause cancer
CANCER	Australia - GHS	H350 - May cause cancer
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

SUBSTANCE NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

## HARDWARE/BUTT HINGE PHS

#: 0.0000 - 2.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Galvanized Steel butt Hinge

### STEEL

ID: 12597-69-2

#: 90.0000 - 100.0000      GS: NoGS      RC: None      NANO: No      ROLE: Main element

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### ZINC (ZINC)

ID: 7440-66-6

#: 0.0000 - 9.0000      GS: LT-P1      RC: None      NANO: No      ROLE: Galvanizing element

HAZARDS:	AGENCY(IES) WITH WARNINGS:
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors      Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters      Class 2 - Hazard to Waters

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: See Other Materials Notes.

### IRON (IRON)

ID: **7439-89-6**

%: **0.0000 - 1.0000**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Galvanizing element**

HAZARDS:      AGENCY(IES) WITH WARNINGS:

ENDOCRINE      TEDX - Potential Endocrine Disruptors      Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

### HARDWARE/MAGNET

%: **0.0000 - 1.9000**

HPD URL:

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Magnet option

### IRON (IRON)

ID: **7439-89-6**

%: **64.5000**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Main element**

HAZARDS:      AGENCY(IES) WITH WARNINGS:

ENDOCRINE      TEDX - Potential Endocrine Disruptors      Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

### NEODYMIUM (NEODYMIUM)

ID: **7440-00-8**

%: **30.0000**      GS: **LT-UNK**      RC: **None**      NANO: **No**      ROLE: **Alloying element**

HAZARDS:      AGENCY(IES) WITH WARNINGS:

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### GALLIUM (GALLIUM)

ID: **7440-55-3**

%: **2.5000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**BORON (BORON)**

ID: **7440-42-8**

%: **1.1000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**ALUMINUM (ALUMINUM)**

ID: **7429-90-5**

%: **0.9000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

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: See Other Materials Notes.

**COPPER (COPPER)**

ID: **7440-50-8**

%: **0.2000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**HARDWARE/HINGE SS**

%: **0.0000 - 1.5000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Stainless Steel hardware

### STAINLESS STEEL (STAINLESS STEEL)

ID: 12597-68-1

#: **0.0000 - 1.5000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Main material**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### HARDWARE/SPRING

#: **0.0000 - 1.0000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: The manufacturer has to indicate the presence of the following substances having less than 0.02% of the total mass of the spring: Sulfur, Phosphorus, Molybdenum, Tin and Nitrogen

OTHER MATERIAL NOTES: Steel carbon spring

### IRON (IRON)

ID: 7439-89-6

#: **98.3000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Main element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

### CARBON (CARBON)

ID: 7440-44-0

#: **0.8200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### MANGANESE (MANGANESE)

ID: 7439-96-5

#: **0.5400** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:

AGENCY(IES) WITH 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: See Other Materials Notes.		

### SILICON (SILICON)

ID: **7440-21-3**

%: <b>0.2000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: See Other Materials Notes.				

### COPPER (COPPER)

ID: **7440-50-8**

%: <b>0.0500</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: See Other Materials Notes.				

### CADMIUM (CADMIUM)

ID: **7440-43-9**

%: <b>0.0400</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Alloying element</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen		
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans		
CANCER	CA EPA - Prop 65	Carcinogen		
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity		
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT		
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen		
CANCER	EU - SVHC Authorisation List	Carcinogenic - Candidate list		
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action		
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1		
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
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
CANCER	Malaysia - GHS	H350 - May cause cancer
CANCER	Australia - GHS	H350 - May cause cancer
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

SUBSTANCE NOTES: See Other Materials Notes.

## NICKEL (NICKEL)

ID: **7440-02-0**

%: **0.0200**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Alloying element**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
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	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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: See Other Materials Notes.

## POWDER COAT

%: **0.0000 - 1.4000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Mixture of synthetic resins and pigments for coating door.

### UNDISCLOSED

%: **45.0000 - 55.0000**      GS: **LT-UNK**      RC: **None**      NANO: **No**      ROLE: **Main element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### UNDISCLOSED

%: **35.0000 - 45.0000**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Ingredient**

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

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: See Other Materials Notes.

**UNDISCLOSED**

#: **5.0000 - 7.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**UNDISCLOSED**

#: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**UNDISCLOSED**

#: **0.1000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**UNDISCLOSED**

#: **0.0100 - 0.5000** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**UNDISCLOSED**

#: **0.0100 - 0.0500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

**CARBON BLACK (CARBON BLACK)**

ID: **1333-86-4**

%: **0.0010 - 0.0100** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other Materials Notes.

**FERRIC OXIDE (FERRIC OXIDE)**

ID: **1309-37-1**

%: **0.0010 - 0.0100** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

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

SUBSTANCE NOTES: See Other Materials Notes.

**COLD ROLLED STEEL - DOOR PANEL**

%: **0.0000 - 74.5000**

**HPD URL:**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: According to the manufacturer, Lead and Cadmium are present in trace amount, generally inferior to 1 ppm in steel products. These impurities are coming from the sourced iron ore.

OTHER MATERIAL NOTES: Cold rooled Steel panel for FLE door

**IRON (IRON)**

ID: **7439-89-6**

%: **95.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Main element**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other Materials Notes.

### MANGANESE (MANGANESE)

ID: 7439-96-5

#: **0.0000 - 2.2250** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:	AGENCY(IES) WITH 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: See Other Materials Notes.

### CHROMIUM (CHROMIUM)

ID: 7440-47-3

#: **0.0000 - 0.6500** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other Materials Notes.

### NICKEL (NICKEL)

ID: 7440-02-0

#: **0.0000 - 0.0250** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Alloying element**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
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	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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: See Other Materials Notes.

## LEAD (LEAD)

ID: 7439-92-1

%: <b>Impurity/Residual</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases			R20 - Harmful by Inhalation (gas or vapor or dust/mist)
DEVELOPMENTAL	EU - R-phrases			R61 - May cause harm to the unborn child
DEVELOPMENTAL	G&L - Neurotoxic Chemicals			Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens			(1986) Group B2 - Probable human Carcinogen
CANCER	IARC			Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC			Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65			Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65			Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)			Priority PBT
PBT	WA DoE - PBT			PBT
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens			Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)			Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs			PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern			PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants			Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs			Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs			Clear Evidence of Adverse Effects - Reproductive Toxicity
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

DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A

SUBSTANCE NOTES: See Residuals and Impurities Notes.

## CADMIUM (CADMIUM)

ID: 7440-43-9

%: <b>Impurity/Residual</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	US EPA - IRIS Carcinogens			(1986) Group B1 - Probable human Carcinogen
CANCER	IARC			Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65			Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65			Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)			Priority PBT
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Male
CANCER	US CDC - Occupational Carcinogens			Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens			Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List			Carcinogenic - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern			PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants			Priority Persistent Pollutant - Tier 1

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
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
CANCER	Malaysia - GHS	H350 - May cause cancer
CANCER	Australia - GHS	H350 - May cause cancer
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

SUBSTANCE NOTES: See Residuals and Impurities Notes.

## HARDWARE/SLAM LATCH LOCK

%: **0.0000 - 2.0000**

**HPD URL:**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Information not given by manufacturer.**

OTHER MATERIAL NOTES: **Galvanized Steel lock**

%: <b>90.0000 - 100.0000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Main element</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: See Other Materials Notes.				

**ZINC (ZINC)** ID: **7440-66-6**

%: <b>0.0000 - 9.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Galvanizing element</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
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		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
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: See Other Materials Notes.				

**IRON (IRON)** ID: **7439-89-6**

%: <b>0.0000 - 1.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Galvanizing element</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SUBSTANCE NOTES: See Other Materials Notes.				

**HARDWARE/SAFETY CABLE (FTE)**

%: **0.0000 - 0.8000**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer. However, the manufacturer has indicated a negligible amount of coloring agent.

OTHER MATERIAL NOTES: Component for FLE door.

**THERMOPLASTIC ELASTOMER** ID: **308079-71-2**

#: 50.0000

GS: NoGS

RC: None

NANO: No

ROLE: Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

#: 50.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Materials Notes.

### BRACKET COLD ROLLED

#: 0.0000 - 3.8000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Component for FLE door

### STEEL

ID: 12597-69-2

#: 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Main material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Component for FLE door

## 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

**CDPH Standard Method - Not tested**

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2018-02-

EXPIRY DATE:

CERTIFIER OR LAB: None

APPLICABLE FACILITIES: -

27

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

Non-insulated Steel Access Door  
hpdrepository.hpd-collaborative.org



## + 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.

### MUD TAPE PLASTER GYPSUM

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The following list of accessories & components may be required for some listed products. Fasteners Mud Tape Plaster Gypsum

## E Section 5: General Notes

## E Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **LES INDUSTRIES CENDREX INC**

ADDRESS: **11303, 26e avenue**

**Montreal QC H1E 6N6, Canada**

WEBSITE: **www.cendrex.com/index.php**

CONTACT NAME: **Service à la clientèle (SAC)**

TITLE: **SAC**

PHONE: **5144931489**

EMAIL: **sac@cendrex.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)

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

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

**LT-UNK** List Translator Benchmark Unknown (insufficient

**BM-1** Benchmark 1 (avoid - chemical of high concern)  
**BM-U** Benchmark Unspecified (insufficient data to benchmark)

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

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*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.*