HC - Honeycomb Core Steel Door
by DE LA FONTAINE

HPD UNIQUE IDENTIFIER: 24899
CLASSIFICATION: 08 13 00 Metal Doors
PRODUCT DESCRIPTION: Steel door with 1” hexagonal cell Kraft paper core. Available in multiple colors.

Section 1: Summary

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 against HPD Priority Hazard Lists and the Summary of product contents and results from screening individual substances.

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
---|---|---
GALVANNEAL STEEL [ ASTM A653 CS TYPE B STEEL | NoGS | ZINC, ELEMENTAL LT-P1 | AQU | END | MUL | PHY
IRON, ELEMENTAL LT-P1 | END ] HONEYCOMB CARDBOARD [ SC:WOOD FIBER | Not Screened
UNDISCLOSED BM-4 | PHENOLIC RESIN | [ UNDISCLOSED LT-P1
UNDISCLOSED LT-UNK | CAN | MUL | RES | SKI | EYE
UNDISCLOSED LT-P1 | MUL | SOLDER | COPPER LT-P1 | AQU
ZINC, ELEMENTAL LT-P1 | AQU | END | MUL | PHY
TIN LT-UNK SILICON, ELEMENTAL | LT-UNK | NICKEL LT-1 | CAN | RES | MAM | MUL | SKI
MANGANESE LT-P1 | END | MUL | REP | LEAD BM-1 | END | PBT
REP | MUL | CAN | DEV | GEN
IRON, ELEMENTAL LT-P1 | END
ALUMINUM BM-1 | END | RES | PHY | PRIMER | [ UNDISCLOSED NoGS UNDISCLOSED BM-4 | TALC BM-1 | CAN
ETHYLENE GLYCOL MONO-N-BUTYL ETHER BM-2 | END | SKI | EYE TITANIUM DIOXIDE LT-1 | CAN | END | POWDER COATING | [ UNDISCLOSED NoGS UNDISCLOSED NoGS UNDISCLOSED BM-4 | ULTRAMARINE (PIGMENT) | LT-UNK FERRIC OXIDE, YELLOW LT-UNK | PIGMENT BLUE 15 BM-3 | BISMUTH
RUTILE YELLOW BM-1 | LT-1 | CAN | VADANIUM TETRAOXIDE BM-1 | MUL | TITANIUM DIOXIDE LT-1 | CAN | END CI 77346 LT-1 | RES | CAN | GEN PHTHALOCYANINE GREEN LT-UNK

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 V1.2 (Section 01350/CHPS) - Not tested

Consistency with Other Programs

Pre-checked for LEED v4 Material Ingredients Option 1

This HPD is build with a Nested Inventory and a product threshold of 1000 ppm. All substances at or above the product threshold are included. The steel alloy does not have a Chemical Abstract Service Registration Number (CAS RN); hence, steel has been identified by using the reference ASTM standard and steel grade. When entering information for the steel alloy, the Special Condition for Metal Alloys was followed (SCMetalAlloy/2020-08-06). Note that the characteristics, including hazards, of the alloy are different from those of the individual alloying elements. Green screen score of the individual alloying elements are reported in the General Notes section of the HPD. The biological substance was entered following the Special Condition of Biological Materials (SCBioMats/2018-02-23). Some substances are not identified by name and identifier as they are proprietary.

Number of Greenscreen BM-4/BM3 contents ... 3
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: BiologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

This HPD is build with a Nested Inventory and a product threshold of 1000 ppm. All substances at or above the product threshold are included. The steel alloy does not have a Chemical Abstract Service Registration Number (CAS RN); hence, steel has been identified by using the reference ASTM standard and steel grade. When entering information for the steel alloy, the Special Condition for Metal Alloys was followed (SCMetalAlloy/2020-08-06). Note that the characteristics, including hazards, of the alloy are different from those of the individual alloying elements. Green screen score of the individual alloying elements are reported in the General Notes section of the HPD. The biological substance was entered following the Special Condition of Biological Materials (SCBioMats/2018-02-23). Some substances are not identified by name and identifier as they are proprietary.
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>VERIFIER:</td>
<td>PUBLISHED DATE: 2021-05-25</td>
</tr>
<tr>
<td>No</td>
<td>VERIFICATION #:</td>
<td>EXPIRY DATE: 2024-05-25</td>
</tr>
</tbody>
</table>

HC - Honeycomb Core Steel Door
hpdrepository.hpd-collaborative.org

HPD v2.2 created via HPDC Builder Page 2 of 17
Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

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**GALVANNEAL STEEL**

%: 89.8000 - 93.6000

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED: Yes</th>
<th>MATERIAL TYPE: Metal</th>
</tr>
</thead>
</table>

RESIDUALS AND IMPURITIES NOTES: The steel is passivated. The role of passivation is to provide protection during handling, transport and storage. This coating generally lasts about six weeks before it is consumed; thus, any remaining trace of passivation is considered below the declaration threshold.

OTHER MATERIAL NOTES: The steel door is available as is or painted; hence, the range of weight percentage.
### ASTM A653 CS TYPE B STEEL

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:19

- **%:** 90.0000 - 100.0000  
  - **GS:** NoGS  
  - **RC:** Both  
  - **NANO:** No  
  - **SUBSTANCE ROLE:** Structure component

**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**
---|---|---
None found | Pharos Chemical and Materials Library | No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** The galvanneal coating can make up to 10 wt.% of the steel; hence, the range of weight percentage for the steel. In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. Alloying element content inventory and their GreenScreen scores are available in Section 5 (General Notes) of this HPD.

### ZINC, ELEMENTAL

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:31

- **%:** 0.0000 - 9.1000  
  - **GS:** LT-P1  
  - **RC:** UNK  
  - **NANO:** No  
  - **SUBSTANCE ROLE:** Alloy element

**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**
---|---|---
AQU | EU - GHS (H-Statements) | H400 - Very toxic to aquatic life
AQU | EU - GHS (H-Statements) | H410 - Very toxic to aquatic life with long lasting effects
END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor
MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters
PHY | EU - GHS (H-Statements) | H250 - Catches fire spontaneously if exposed to air
PHY | EU - GHS (H-Statements) | H260 - In contact with water releases flammable gases which may ignite spontaneously

**SUBSTANCE NOTES:** The galvanneal coating is made of zinc and iron and can make up 10 wt.% of the total steel; hence, the range of weight percentage.

### IRON, ELEMENTAL

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:32

- **%:** 0.0000 - 1.1000  
  - **GS:** LT-P1  
  - **RC:** UNK  
  - **NANO:** No  
  - **SUBSTANCE ROLE:** Alloy element

**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**
---|---|---
END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor

**SUBSTANCE NOTES:** The galvanneal coating is made of zinc and iron and can make up 10 wt.% of the total steel; hence, the range of weight percentage.

### HONEYCOMB CARDBOARD

**%:** 4.4000 - 4.7000

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Paper or Cardboard

**RESIDUALS AND IMPURITIES NOTES:** The material does not contain residuals or impurities at or above the declaration threshold.
### SC: WOOD FIBER

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: Not Screened</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: <strong>90.0000 - 95.0000</strong></td>
<td>GS: Not Screened</td>
<td>RC: PostC, NANO: No, SUBSTANCE ROLE: Structure component</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
AGENCY AND LIST TITLES  
WARNINGS  
Hazard Screening not performed

**SUBSTANCE NOTES:**  
Version: SCBioMats/2018-02-23  
Category: Tree-based materials  
Identifier: CAS RN: 9004-34-6

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-05-25 21:10:23</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: <strong>5.0000 - 9.5000</strong></td>
<td>GS: BM-4</td>
<td>RC: None, NANO: No, SUBSTANCE ROLE: Processing regulator</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
AGENCY AND LIST TITLES  
WARNINGS  
None found

**SUBSTANCE NOTES:** This substance is undisclosed as it is proprietary. Weight percentage interval is used to cover production variation and add confidentiality.

### PHENOLIC RESIN

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED: Yes</th>
<th>MATERIAL TYPE: Polymeric Material</th>
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</thead>
</table>

**RESIDUALS AND IMPURITIES NOTES:** The material does not contain residuals or impurities at or above the declaration threshold.

**OTHER MATERIAL NOTES:** The steel door is available as is or painted; hence, the range of weight percentage.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-05-25 21:10:20</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: <strong>60.0000 - 70.0000</strong></td>
<td>GS: LT-P1</td>
<td>RC: None, NANO: No, SUBSTANCE ROLE: Monomer</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
AGENCY AND LIST TITLES  
WARNINGS  
None found

**SUBSTANCE NOTES:** This substance is undisclosed as it is proprietary. Weight ranges are used to cover variation in production and add a level of confidentiality.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-05-25 21:10:22</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: <strong>20.0000 - 30.0000</strong></td>
<td>GS: LT-UNK</td>
<td>RC: None, NANO: No, SUBSTANCE ROLE: Monomer</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
AGENCY AND LIST TITLES  
WARNINGS  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** This substance is undisclosed as it is proprietary. Weight ranges are used to cover variation in production and add a level of confidentiality.
<table>
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<tr>
<th>SUBSTANCE NOTES: This substance is undisclosed as it is proprietary. Weight ranges are used to cover variation in production and add a level of confidentiality.</th>
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<tr>
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<th>HAZARD SCREENING DATE: 2021-05-25 21:10:25</th>
</tr>
</thead>
</table>

| %: 1.0000 - 10.0000 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Flame retardant |

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H351 - Suspected of causing cancer</td>
</tr>
<tr>
<td>RES</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (G) - generally accepted</td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
<tr>
<td>EYE</td>
<td>EU - GHS (H-Statements)</td>
<td>H319 - Causes serious eye irritation</td>
</tr>
<tr>
<td>RES</td>
<td>MAK</td>
<td>Sensitizing Substance Sah - Danger of airway &amp; skin sensitization</td>
</tr>
<tr>
<td>RES</td>
<td>EU - GHS (H-Statements)</td>
<td>H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
</tr>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<tr>
<td>RES</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>Inhalation sensitizer causing asthma and lung damage</td>
</tr>
</tbody>
</table>

### UNDISCLOSED

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-05-25 21:10:25</th>
</tr>
</thead>
</table>

| %: 1.0000 - 10.0000 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Flame retardant |

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
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<td>EU - GHS (H-Statements)</td>
<td>H351 - Suspected of causing cancer</td>
</tr>
<tr>
<td>RES</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (G) - generally accepted</td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
<tr>
<td>EYE</td>
<td>EU - GHS (H-Statements)</td>
<td>H319 - Causes serious eye irritation</td>
</tr>
<tr>
<td>RES</td>
<td>MAK</td>
<td>Sensitizing Substance Sah - Danger of airway &amp; skin sensitization</td>
</tr>
<tr>
<td>RES</td>
<td>EU - GHS (H-Statements)</td>
<td>H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
</tr>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<tr>
<td>RES</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>Inhalation sensitizer causing asthma and lung damage</td>
</tr>
</tbody>
</table>

### SOLDER

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED: Yes</th>
<th>MATERIAL TYPE: Metal</th>
</tr>
</thead>
</table>

HC - Honeycomb Core Steel Door
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HPD v2.2 created via HPDC Builder Page 6 of 17
### RESIDUALS AND IMPURITIES NOTES:
The material does not contain residuals or impurities at or above the declaration threshold.

### OTHER MATERIAL NOTES:
The steel door is available as is or painted; hence, the range of weight percentage. Solder is a bronze alloy and it is presented according to its individual alloying elements.

### COPPER

**ID:** 7440-50-8

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:20

<table>
<thead>
<tr>
<th>%:</th>
<th>GS</th>
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<th>SUBSTANCE ROLE</th>
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<tbody>
<tr>
<td>46.0000 - 97.0000</td>
<td>LT-P1</td>
<td>UNK</td>
<td>No</td>
<td>Alloy element</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

- AQU  
  - EU - GHS (H-Statements)  
  - H411 - Toxic to aquatic life with long lasting effects

**SUBSTANCE NOTES:** A range of weight percentage is used to cover variation in composition and add a level of confidentiality.

### ZINC, ELEMENTAL

**ID:** 7440-66-6

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-06 14:44:23

<table>
<thead>
<tr>
<th>%:</th>
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<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0000 - 45.0000</td>
<td>LT-P1</td>
<td>UNK</td>
<td>No</td>
<td>Alloy element</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

- AQU  
  - EU - GHS (H-Statements)  
  - H400 - Very toxic to aquatic life

- AQU  
  - EU - GHS (H-Statements)  
  - H410 - Very toxic to aquatic life with long lasting effects

- END  
  - TEDX - Potential Endocrine Disruptors  
  - Potential Endocrine Disruptor

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

- PHY  
  - EU - GHS (H-Statements)  
  - H250 - Catches fire spontaneously if exposed to air

- PHY  
  - EU - GHS (H-Statements)  
  - H260 - In contact with water releases flammable gases which may ignite spontaneously

**SUBSTANCE NOTES:** A range of weight percentage is used to cover variation in composition and add a level of confidentiality.

### TIN

**ID:** 7440-31-5

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:26

<table>
<thead>
<tr>
<th>%:</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
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</thead>
<tbody>
<tr>
<td>0.0000 - 5.0000</td>
<td>LT-UNK</td>
<td>UNK</td>
<td>No</td>
<td>Alloy element</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

- None found

**SUBSTANCE NOTES:** A range of weight percentage is used to cover variation in composition and add a level of confidentiality.

### SILICON, ELEMENTAL

**ID:** 7440-21-3

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:26

<table>
<thead>
<tr>
<th>%:</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0000 - 3.5000</td>
<td>LT-UNK</td>
<td>UNK</td>
<td>No</td>
<td>Alloy element</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

- None found

**SUBSTANCE NOTES:** A range of weight percentage is used to cover variation in composition and add a level of confidentiality.
## Nickel

**ID:** 7440-02-0

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td>2021-05-25 21:10:27</td>
<td>0.0000 - 32.0000</td>
<td>LT-1</td>
<td>UNK</td>
<td>No</td>
<td>Alloy element</td>
</tr>
</tbody>
</table>

### WARNINGS

- **CAN**
  - EU - GHS (H-Statements): H351 - Suspected of causing cancer
- **CAN**
  - US CDC - Occupational Carcinogens: Occupational Carcinogen
- **CAN**
  - MAK: Carcinogen Group 1 - Substances that cause cancer in man
- **CAN**
  - IARC: Group 1 - Agent is Carcinogenic to humans
- **CAN**
  - CA EPA - Prop 65: Carcinogen
- **CAN**
  - US NIH - Report on Carcinogens: Known to be a human Carcinogen
- **CAN**
  - IARC: Group 2b - Possibly carcinogenic to humans
- **RES**
  - AOEC - Asthmagens: Asthmagen (Rs) - sensitizer-induced
- **CAN**
  - US NIH - Report on Carcinogens: Reasonably Anticipated to be Human Carcinogen
- **MAM**
  - EU - GHS (H-Statements): H372 - Causes damage to organs through prolonged or repeated exposure
- **RES**
  - MAK: Sensitizing Substance Sah - Danger of airway & skin sensitization
- **MUL**
  - German FEA - Substances Hazardous to Waters: Class 2 - Hazard to Waters
- **SKI**
  - EU - GHS (H-Statements): H317 - May cause an allergic skin reaction

### Substance Notes:

A range of weight percentage is used to cover variation in composition and add a level of confidentiality.

## Manganese

**ID:** 7439-96-5

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td>2021-05-25 21:10:29</td>
<td>0.0000 - 14.0000</td>
<td>LT-P1</td>
<td>UNK</td>
<td>No</td>
<td>Alloy element</td>
</tr>
</tbody>
</table>

### WARNINGS

- **END**
  - TEDX - Potential Endocrine Disruptors: Potential Endocrine Disruptor
- **MUL**
  - German FEA - Substances Hazardous to Waters: Class 2 - Hazard to Waters
- **REP**
  - GHS - Japan: Toxic to reproduction - Category 1B [H360]

### Substance Notes:

A range of weight percentage is used to cover variation in composition and add a level of confidentiality.
# HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2021-05-25 21:10:29

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>END</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>PBT</td>
<td>OSPAR - Priority PBTs &amp; EDs &amp; equivalent concern</td>
<td>PBT - Chemical for Priority Action</td>
</tr>
<tr>
<td>REP</td>
<td>EU - SVHC Authorisation List</td>
<td>Toxic to reproduction - Candidate list</td>
</tr>
<tr>
<td>REP</td>
<td>EU - GHS (H-Statements)</td>
<td>H360FD - May damage fertility, May damage the unborn child</td>
</tr>
<tr>
<td>PBT</td>
<td>OR DEQ - Priority Persistent Pollutants</td>
<td>Priority Persistent Pollutant - Tier 1</td>
</tr>
<tr>
<td>MUL</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>CAN</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 2 - Considered to be carcinogenic for man</td>
</tr>
<tr>
<td>CAN</td>
<td>US NIH - Report on Carcinogens</td>
<td>Reasonably Anticipated to be Human Carcinogen</td>
</tr>
<tr>
<td>DEV</td>
<td>G&amp;L - Neurotoxic Chemicals</td>
<td>Developmental Neurotoxicant</td>
</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
<td>Group 2a - Agent is probably Carcinogenic to humans</td>
</tr>
<tr>
<td>DEV</td>
<td>CA EPA - Prop 65</td>
<td>Developmental toxicity</td>
</tr>
<tr>
<td>PBT</td>
<td>US EPA - Priority PBTs (NWMP)</td>
<td>Priority PBT</td>
</tr>
<tr>
<td>PBT</td>
<td>WA DoE - PBT</td>
<td>PBT</td>
</tr>
<tr>
<td>PBT</td>
<td>US EPA - Toxics Release Inventory PBTs</td>
<td>PBT</td>
</tr>
<tr>
<td>DEV</td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
<td>Clear Evidence of Adverse Effects - Developmental Toxicity</td>
</tr>
<tr>
<td>REP</td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
<td>Clear Evidence of Adverse Effects - Reproductive Toxicity</td>
</tr>
<tr>
<td>REP</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans</td>
</tr>
<tr>
<td>REP</td>
<td>EU - Annex VI CMRs</td>
<td>Reproductive Toxicity - Category 1A</td>
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<td>GEN</td>
<td>MAK</td>
<td>Germ Cell Mutagen 3a</td>
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<tr>
<td>REP</td>
<td>CA EPA - Prop 65</td>
<td>Reproductive Toxicity - Female</td>
</tr>
<tr>
<td>REP</td>
<td>CA EPA - Prop 65</td>
<td>Reproductive Toxicity - Male</td>
</tr>
<tr>
<td>DEV</td>
<td>EU - GHS (H-Statements)</td>
<td>H362 - May cause harm to breast-fed children</td>
</tr>
<tr>
<td>REP</td>
<td>GHS - New Zealand</td>
<td>6.8A - Known or presumed human reproductive or developmental toxicants</td>
</tr>
<tr>
<td>CAN</td>
<td>GHS - Korea</td>
<td>Carcinogenicity - Category 1 [H350 - May cause cancer]</td>
</tr>
</tbody>
</table>
**Iron, Elemental**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:30  
**%:** 0.0000 - 6.5000  
**GS:** LT-P1  
**RC:** UNK  
**NANO:** No  
**SUBSTANCE ROLE:** Alloy element  

**HAZARD TYPE**  
**END**  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

**SUBSTANCE NOTES:** A range of weight percentage is used to cover variation in composition and add a level of confidentiality.

**Aluminum**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:30  
**%:** 0.0000 - 12.0000  
**GS:** BM-1  
**RC:** UNK  
**NANO:** No  
**SUBSTANCE ROLE:** Alloy element  

**HAZARD TYPE**  
**END**  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

**RES**  
AOEC - Asthmagens  
Asthmagen (Rs) - sensitizer-induced

**PHY**  
EU - GHS (H-Statements)  
H261 - In contact with water releases flammable gases

**PHY**  
EU - GHS (H-Statements)  
H228 - Flammable solid

**SUBSTANCE NOTES:** A range of weight percentage is used to cover variation in composition and add a level of confidentiality.

**Primer**

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Polymeric Material

**RESIDUALS AND IMPURITIES NOTES:** The material does not contain residuals or impurities at or above the declaration threshold.

**OTHER MATERIAL NOTES:** The steel door is available as is or painted; hence, the range of weight percentage.

**Undisclosed**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:21  
**%:** 30.0000 - 48.0000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Binder

**HAZARD TYPE**  
**None found**  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** This substance is undisclosed as it is proprietary. A range of weight percentage is used to maintain an additional level of confidentiality.
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNDISCLOSED</td>
<td>Undisclosed</td>
<td>Pharos Chemical and Materials Library</td>
<td>2021-05-25 21:10:22</td>
<td>20.0000 - 33.0000</td>
<td>BM-4</td>
<td>None</td>
<td>No</td>
<td>Solvent</td>
<td>None found</td>
<td>Pharos Chemical and Materials Library</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td>TALC</td>
<td>14807-96-6</td>
<td>Pharos Chemical and Materials Library</td>
<td>2021-05-25 21:10:23</td>
<td>8.0000 - 26.0000</td>
<td>BM-1</td>
<td>UNK</td>
<td>No</td>
<td>Filler</td>
<td>MAK</td>
<td>MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
<td></td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2021-05-25 21:10:24</td>
<td>1.0000 - 10.0000</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Pigment</td>
<td>LT-1</td>
<td>LT-1: Honeycomb Core Steel Door</td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

- This substance is undisclosed as it is proprietary. A range of weight percentage is used to maintain an additional level of confidentiality.
- A weight range is used to maintain a level of confidentiality.
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H351 - Suspected of causing cancer</td>
</tr>
<tr>
<td>CAN</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CAN</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>END</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** A weight range is used to maintain a level of confidentiality.

---

**POWDER COATING**

<table>
<thead>
<tr>
<th>%: 0.0000 - 1.9000</th>
</tr>
</thead>
</table>

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Polymeric Material

**RESIDUALS AND IMPURITIES NOTES:** The material does not contain residuals or impurities at or above the declaration threshold.

**OTHER MATERIAL NOTES:** The steel door is available as is or painted; hence, the range of weight percentage.

**UNDISCLOSED**  
**ID:** Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:21

**%:** 45.0000 - 65.0000  
**GS:** NoGS  
**RC:** UNK  
**NANO:** No  
**SUBSTANCE ROLE:** Polymer species

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** This substance is undisclosed as it is proprietary. Weight percentage interval is used to cover all powder paint colors.

---

**UNDISCLOSED**  
**ID:** Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:33

**%:** 0.0000 - 7.0000  
**GS:** NoGS  
**RC:** UNK  
**NANO:** No  
**SUBSTANCE ROLE:** Polymer species

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** This substance is undisclosed as it is proprietary. Weight percentage interval is used to cover all powder paint colors.

---

**UNDISCLOSED**  
**ID:** Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-05-25 21:10:33

**%:** 0.0000 - 6.0000  
**GS:** NoGS  
**RC:** UNK  
**NANO:** No  
**SUBSTANCE ROLE:** Polymer species
### Barium Sulfate

- **ID:** 7727-43-7
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2021-05-25 21:10:34
- **%:** 0.0000 - 25.0000
- **GS:** BM-2
- **RC:** UNK
- **NANO:** No
- **SUBSTANCE ROLE:** Filler
- **WARNINGS:** Can
- **Agency and List Titles:** MAK
- **CAN:** Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
- **SUBSTANCE NOTES:** Weight percentage interval is used to cover all powder paint colors.

### Chrome Rutile Yellow

- **ID:** 68186-90-3
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2021-05-25 21:10:34
- **%:** 0.0000 - 10.0000
- **GS:** BM-1
- **RC:** None
- **NANO:** No
- **SUBSTANCE ROLE:** Pigment
- **WARNINGS:** None found
- **Agency and List Titles:** MAK
- **SUBSTANCE NOTES:** Weight percentage interval is used to cover all powder paint colors.

### Ultramarine (Pigment)

- **ID:** 57455-37-5
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2021-05-25 21:10:34
- **%:** 0.0000 - 10.0000
- **GS:** LT-UNK
- **RC:** None
- **NANO:** No
- **SUBSTANCE ROLE:** Pigment
- **WARNINGS:** None found
- **Agency and List Titles:** None
- **SUBSTANCE NOTES:** Weight percentage interval is used to cover all powder paint colors.

### Ferric Oxide, Yellow

- **ID:** 51274-00-1
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2021-05-25 21:10:35
- **%:** 0.0000 - 7.0000
- **GS:** LT-UNK
- **RC:** None
- **NANO:** No
- **SUBSTANCE ROLE:** Pigment
- **WARNINGS:** None found
- **Agency and List Titles:** None
- **SUBSTANCE NOTES:** Weight percentage interval is used to cover all powder paint colors.

### Pigment Blue 15

- **ID:** 147-14-8
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2021-05-25 21:10:34
- **%:** 0.0000 - 25.0000
- **GS:** BM-2
- **RC:** UNK
- **NANO:** No
- **SUBSTANCE ROLE:** Filler
- **WARNINGS:** None found
- **Agency and List Titles:** None
- **SUBSTANCE NOTES:** Weight percentage interval is used to cover all powder paint colors.
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-05-25 21:10:31</th>
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</thead>
<tbody>
<tr>
<td>BISMUTH VANADIUM TETRAOXIDE</td>
<td>14059-33-7</td>
<td>Groups: BM-3, RC: None, NANO: No, SUBSTANCE ROLE: Pigment</td>
<td></td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
</tr>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>Weight percentage interval is used to cover all powder paint colors.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>Groups: LT-1, RC: None, NANO: No, SUBSTANCE ROLE: Pigment</td>
<td></td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H351 - Suspected of causing cancer</td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
<td></td>
</tr>
<tr>
<td>END</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>Weight percentage interval is used to cover all powder paint colors.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CI 77346</td>
<td>1345-16-0</td>
<td>Groups: LT-1, RC: None, NANO: No, SUBSTANCE ROLE: Pigment</td>
<td></td>
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<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2021-03-03 20:01:55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>%: 0.0000 - 10.0000</td>
<td>GS: LT-1</td>
<td>RC: None</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>Weight percentage interval is used to cover all powder paint colors.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td>RES</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (G) - generally accepted</td>
<td></td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 2 - Considered to be carcinogenic for man</td>
<td></td>
</tr>
<tr>
<td>RES</td>
<td>MAK</td>
<td>Sensitizing Substance Sah - Danger of airway &amp; skin sensitization</td>
<td></td>
</tr>
<tr>
<td>GEN</td>
<td>MAK</td>
<td>Germ Cell Mutagen 3a</td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Weight percentage interval is used to cover all powder paint colors.

### PHTHALOCYANINE GREEN

**ID:** 1328-53-6

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-03-03 20:01:55</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0000 - 8.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
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<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>SUBSTANCE ROLE: Pigment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Weight percentage interval is used to cover all powder paint colors.
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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>CDPH Standard Method V1.2 (Section 01350/CHPS) - Not tested</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Self-declared</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
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<tr>
<td>ISSUE DATE:</td>
<td>2021-03-03</td>
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<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>n/a</td>
</tr>
</tbody>
</table>

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

Steel Alloying elements GreenScreen Score according to Pharos: - Iron (Fe) 7439-89-6: LT-P1 - Carbon (C) 7440-44-0 : LT-UNK - Chromium (Cr) 7440-47-3: LT-P1 - Copper (Cu) 7440-50-8: LT-P1 - Manganese (Mn) 7439-96-5: LT-P1 - Molybdenum (Mo) 7439-98-7: LT-UNK - Nickel (Ni) 7440-02-0: LT-1 - Phosphorus (P) 7723-14-0: BM-2 - Silicon (Si) 7440-21-3: LT-UNK - Sulfur (S) 7704-34-9: LT-UNK - Titanium (Ti) 7440-32-6: LT-UNK - Vanadium (V) 7440-62-2: LT-1.
Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: DE LA FONTAINE
ADDRESS: 3 Normac road
Woburn MA 01801, USA
WEBSITE: www.delafontaine.com

CONTACT NAME: Rene Bouchard
TITLE: Executive Business Development Manager
PHONE: 800-565-9230
EMAIL: rbouchard@delafontaine.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
LAN Land toxicity
MAM Mammalian/systemic/organ toxicity
MUL Multiple
NEU Neurotoxicity
NF Not found on Priority Hazard Lists
OZO Ozone depletion
PBT Persistent, bioaccumulative, and toxic
PHY Physical hazard (flammable or reactive)
REP Reproductive
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
UNK Unknown

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

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

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

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

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.