



HPD UNIQUE IDENTIFIER: 136586507264

CLASSIFICATION: 05 12 00 Structural Steel Framing

PRODUCT DESCRIPTION: This HPD covers three hot rolled steel products such as Carbon Steel Reinforcing Bar, Plain Round Wire Rod in Coil and Rebar from Al Ittefaq Steel. ISPC produces deformed rebar, rebar coil and plain wire rods in a wide range of standards to conform to our customers' needs for use in welding electrodes, steel mesh, wires, bolts and springs, as well as bending/cutting machine use and cut to bend sizes. We have in place the latest automation upgrades that enable each plain coil to weigh up to 1,700 kg. All of our products are manufactured to meet international standards for industrial, commercial, residential and infrastructure buildings. Each grade has a wide variety of diameters from which you can choose. You can also order according to your specifications. The rebar coil and plain wire rod are normally used in downstream industries to manufacture binding wires, barbed wires, wire nets, gabion and chain-link fencing, screws, hangers, nails and welded wiremesh. Our adherence to both international and local safety standards means that we can guarantee our customers that every product we manufacture has met all the required health and safety specifications. The deformed rebar, rebar coil and plain wire rod are all certified in regards to their chemical and physical properties. This means that we produce only the highest quality standards of rebar products and plain wire rods.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format   | Threshold Level   | Residuals/Impurities Evaluation  |  |
|--|---|--|--|
| <input checked="" type="radio"/> Nested Materials Method<br><input type="radio"/> Basic Method               | <input type="radio"/> 100 ppm<br><input checked="" type="radio"/> 1,000 ppm<br><input type="radio"/> Per GHS SDS<br><input type="radio"/> Other | Completed in 1 of 1 Materials<br><br><b>Explanation(s) provided for Residuals/Impurities?</b><br><input checked="" type="radio"/> Yes <input type="radio"/> No | <i>For all contents above the threshold, the manufacturer has:</i><br><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided weight and role.</i><br><b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided screening results using HPDC-approved methods.</i><br><b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided name and CAS RN or other identifier.</i> |
| <b>Threshold Disclosed Per</b><br><input type="radio"/> Material<br><input checked="" type="radio"/> Product |   |  |  |

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

HOT ROLLED STEEL PRODUCTS [ IRON ORES, AGGLOMERATES  
NoGS MANGANESE LT-P1 | END | MUL | REP | MAM | AQU COPPER  
LT-P1 | MUL | AQU | GEN | MAM | EYE | SKI SILICON, ELEMENTAL LT-  
UNK CARBON LT-UNK PHOSPHORUS BM-2 | MAM | PHY | EYE | AQU  
| SKI SULFUR, PRECIPITATED LT-UNK | SKI | MAM CHROMIUM LT-P1  
| END | SKI | MAM | REP | RES NITROGEN NoGS NICKEL LT-1 | CAN |  
RES | MUL | MAM | SKI | AQU MOLYBDENUM LT-UNK | MAM | SKI |  
REP BORON LT-UNK | MAM ]

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...  
LT-P1, LT-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.3 and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD is consistent with the LEED v4.1 MR Credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1)

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 V1.1 (Section 01350/CHPS) - Zero VOC emissions  
: GreenCircle - Recycled Content  
: Environmental Product Declaration (EPD) by the Green Standard

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

Yes

PREPARER: Self-Prepared

VERIFIER: EUROCERT

SCREENING DATE: 2023-11-13

PUBLISHED DATE: 2024-02-06



## 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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

### HOT ROLLED STEEL PRODUCTS

#: 100.0000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are considered.

OTHER MATERIAL NOTES: All substances in this material are below the reportable threshold.

### IRON ORES, AGGLOMERATES

ID: 65996-65-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-11-14 3:53:44

#: 96.0000 - 97.0000

GreenScreen: NoGS

RC: Both

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Pre-consumer recycle content is 4% (generated within our melt-shops, rolling mills and downstream industries) and the post-consumer recycle content is 46%, procured in local market within 450KM radius of Dammam, Saudi Arabia.

### MANGANESE

ID: 7439-96-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-11-14 4:01:57

#: 0.6400 - 1.6000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS  |
|---------------------|---|---|
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor   |
| MUL                 | German FEA - Substances Hazardous to Waters             | Class 2 - Hazard to Waters  |
| REP                 | GHS - Japan   | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]   |
| MAM                 | GHS - Japan   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                 | GHS - Australia   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| AQU                 | GHS - New Zealand                                       | Hazardous to the aquatic environment - chronic category 3   |
| AQU                 | GHS - Japan   | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]  |
| AQU                 | GHS - Japan   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials      |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                                    |

SUBSTANCE NOTES:

## COPPER

ID: 7440-50-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-11-14 4:07:50**

#: **0.0800 - 0.8500**

GreenScreen: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS   |
|-------------|---|--|
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters   |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| GEN         | GHS - New Zealand                           | Germ cell mutagenicity category 1  |
| MAM         | GHS - Japan                                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]              |
| EYE         | GHS - New Zealand                           | Eye irritation category 2  |
| MAM         | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]     |
| SKI         | GHS - New Zealand                           | Skin sensitisation category 1  |
| MAM         | GHS - New Zealand                           | Acute inhalation toxicity category 2   |
| MAM         | GHS - New Zealand                           | Acute oral toxicity category 2   |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1  |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 2  |
| AQU         | GHS - Australia                             | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION   |
|---------------------|---|--|
| RESTRICTED LIST     | Perkins+Will (P+W)                                      | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance   |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Antimicrobials  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |

SUBSTANCE NOTES:

**SILICON, ELEMENTAL**

ID: 7440-21-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-11-14 4:00:16**

%: **0.1700 - 0.6000**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |
|---------------------|----------------------|--|
| None found          |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found          |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:    |                      |  |

**CARBON**

ID: **7440-44-0**

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       | HAZARD SCREENING DATE: <b>2023-11-14 3:58:44</b>        |  |
|--|---------------------------------------|---|--|
| %: <b>0.1900 - 0.3000</b>  | GreenScreen: <b>LT-UNK</b>            | RC: <b>None</b>   | NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                  | WARNINGS  |  |
| None found   |                                       | No warnings found on HPD Priority Hazard Lists          |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                  | NOTIFICATION  |  |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br>Antimicrobials |  |
| SUBSTANCE NOTES:   |                                       |   |  |

**PHOSPHORUS**

ID: **7723-14-0**

|  |                          |  |  |
|--|--------------------------|--|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2023-11-14 4:03:17</b> |  |
| %: <b>0.0120 - 0.0600</b>  | GreenScreen: <b>BM-2</b> | RC: <b>None</b>                                  | NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS  |
|---------------------|---|---|
| MAM                 | US EPA - EPCRA Extremely Hazardous Substances           | Extremely Hazardous Substances  |
| MAM                 | GHS - New Zealand                                       | Specific target organ toxicity - repeated exposure category 1   |
| PHY                 | GHS - New Zealand                                       | Pyrophoric solids category 1  |
| EYE                 | GHS - New Zealand                                       | Serious eye damage category 1   |
| AQU                 | GHS - New Zealand                                       | Hazardous to the aquatic environment - acute category 1   |
| AQU                 | GHS - New Zealand                                       | Hazardous to the aquatic environment - chronic category 1   |
| MAM                 | Québec CSST - WHMIS 1988                                | Class D1A - Very toxic material causing immediate and serious toxic effects   |
| SKI                 | GHS - New Zealand                                       | Skin corrosion category 1A  |
| MAM                 | GHS - New Zealand                                       | Acute dermal toxicity category 1  |
| MAM                 | GHS - New Zealand                                       | Acute inhalation toxicity category 1  |
| MAM                 | GHS - New Zealand                                       | Acute oral toxicity category 1  |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |

SUBSTANCE NOTES:

## SULFUR, PRECIPITATED

ID: 7704-34-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-11-14 4:06:32**

%: **0.0130 - 0.0600**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE         | LIST NAME AND SOURCE                      | WARNINGS   |
|---------------------|---|--|
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]   |
| SKI                 | GHS - New Zealand                         | Skin irritation category 2   |
| SKI                 | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]   |
| MAM                 | GHS - Japan                               | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                      | NOTIFICATION   |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)     | GSPI - Six Classes Precautionary List<br><br>Antimicrobials  |

SUBSTANCE NOTES:

**CHROMIUM**

ID: 7440-47-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-11-14 4:22:26**

%: **0.0090 - 0.0600**      GreenScreen: **LT-P1**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS   |
|---------------------|---|--|
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor  |
| SKI                 | MAK   | Sensitizing Substance Sh - Danger of skin sensitization  |
| MAM                 | GHS - Japan   | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]  |
| REP                 | GHS - New Zealand                                       | Reproductive toxicity category 2   |
| RES                 | GHS - Japan   | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]                           |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION   |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |

SUBSTANCE NOTES:

**NITROGEN**

ID: 7727-37-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-11-14 4:09:23**

%: **0.0140 - 0.0550**      GreenScreen: **NoGS**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE         | LIST NAME AND SOURCE                         | WARNINGS  |
|---------------------|--|---|
| None found          |  | No warnings found on HPD Priority Hazard Lists  |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION  |
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex IV listing due to intrinsic safety |



## NICHEL

ID: 7440-02-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2023-11-14 4:21:28**%: **0.0310 - 0.0550**GreenScreen: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS  |
|-------------|---|---|
| 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  |
| CAN         | US NIH - Report on Carcinogens              | Reasonably Anticipated to be Human Carcinogen   |
| RES         | MAK   | Sensitizing Substance Sah - Danger of airway & skin sensitization   |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters  |
| CAN         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]   |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| CAN         | GHS - New Zealand                           | Carcinogenicity category 2  |
| CAN         | GHS - Japan                                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]   |
| MAM         | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM         | GHS - Australia                             | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| MAM         | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| CAN         | EU - Annex VI CMRs                          | Carcinogen Category 2 - Suspected human Carcinogen  |
| SKI         | GHS - New Zealand                           | Skin sensitisation category 1   |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1   |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 1   |
| CAN         | GHS - Australia                             | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]   |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION   |
|---------------------|--|--|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br>Certain Metals  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br>Footwear, Apparel & Jewelry Products              |

SUBSTANCE NOTES:

## MOLYBDENUM

ID: 7439-98-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-11-14 4:13:43**

%: **0.0100 - 0.0110** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS  |
|-------------|----------------------|---|
| MAM         | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| SKI         | GHS - Japan          | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                |
| REP         | GHS - New Zealand    | Reproductive toxicity category 2  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|--|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

## BORON

ID: 7440-42-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-11-14 4:23:18**

%: **0.0000 - 0.0004** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS  |
|-------------|----------------------|---|
| MAM         | GHS - Japan          | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION   |
|---------------------|---|--|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| SUBSTANCE NOTES:    |   |  |

## 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 V1.1 (Section 01350/CHPS) - Zero VOC emissions |                                  |
|--|---|----------------------------------|
| CERTIFYING PARTY: Self-declared<br>APPLICABLE FACILITIES: Saudi Arabia<br>CERTIFICATE URL:   | ISSUE DATE: 2024-02-05 00:00:00<br>EXPIRY DATE:                     | CERTIFIER OR LAB: N/A            |
| CERTIFICATION AND COMPLIANCE NOTES: Inherently non-emitting source per LEED  |   |                                  |
| RECYCLED CONTENT   | GreenCircle - Recycled Content                                      |                                  |
| CERTIFYING PARTY: Self-declared<br>APPLICABLE FACILITIES: Saudi Arabia<br>CERTIFICATE URL:   | ISSUE DATE: 2023-11-14 00:00:00<br>EXPIRY DATE:                     | CERTIFIER OR LAB: None           |
| CERTIFICATION AND COMPLIANCE NOTES: Al Ittefaq Steel Products Co is UK CARES SUSTAINABILITY certified along with the BES 6001 Responsible sourcing scheme. Pre-consumer recycled content is 4% (generated within our melt-shops, rolling mills, and downstream industries) and the post-consumer recycled content is 46%, procured in the local market within a 450 km radius of Dammam, Saudi Arabia. |   |                                  |
| LCA  | Environmental Product Declaration (EPD) by the Green Standard       |                                  |
| CERTIFYING PARTY: Third Party<br>APPLICABLE FACILITIES: Saudi Arabia<br>CERTIFICATE URL:   | ISSUE DATE: 2021-11-25 00:00:00<br>EXPIRY DATE: 2024-11-24 00:00:00 | CERTIFIER OR LAB: BRE Global Ltd |
| CERTIFICATION AND COMPLIANCE NOTES: Environmental Product Declaration in accordance with the requirements of EN 15804:2012+A1:2013 and BRE Global Scheme Document SD207  |   |                                  |

## 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

Al-Ittefaq Steel – one of the largest and reputed steel manufacturers in GCC. The integrated facility - embraced with State-Of-Art technologies, skilled manpower, continuous innovation/investments and social responsibilities. The largest private sector steel manufacturer in KSA responsible and responsive to the country, communities and environments in which it works. We have production facilities that deliver reinforced steel bars, billets, DRI and downstream premium steel products. All our products meet the highest quality standards and comply with both local and international standards. ISPC boasts the best technical expertise, a high-quality production line and an international footprint to supply customers across the globe. We use raw materials of only the highest quality and have state-of-the-art manufacturing facilities to produce durable and high-quality steel products at excellent market prices. Our cutting-edge technologies help to ensure that we can custom build steel products for any industry, including commercial, residential and agricultural applications. ISPC produces deformed rebar, rebar coil and plain wire rods in a wide range of standards to conform to our customers' needs for use in welding electrodes, steel mesh, wires, bolts and springs, as well as bending/cutting machine use and cut to bend sizes. We have in place the latest automation upgrades that enable each plain coil to weigh up to 1,700 kg. All of our products are manufactured to meet international standards for industrial, commercial, residential and infrastructure buildings. Each grade has a wide variety of diameters from which you can choose. You can also order according to your specifications. The rebar coil and plain wire rod are normally used in downstream industries to manufacture binding wires, barbed wires, wire nets, gabion and chain-link fencing, screws, hangers, nails and welded wiremesh. Our adherence to both international and local safety standards means that we can guarantee our customers that every product we manufacture has met all the required health and safety specifications. The deformed rebar, rebar coil and plain wire rod are all certified in regards to their chemical and physical properties. This means that we produce only the highest quality standards of rebar products and plain wire rods.

**MANUFACTURER INFORMATION**

MANUFACTURER: **Al-Ittefaq Steel Products Co.**  
 ADDRESS: **P.O.Box 7600**  
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*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**

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

**GreenScreen (GS)**

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

**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*

