

# Masonry Joint Reinforcing Wire Products - Hot Dip Galvanized Finish by Hohmann & Barnard

## Health Product Declaration v2.1

created via: HPDC Online Builder

CLASSIFICATION: 040519.13

PRODUCT DESCRIPTION: This HPD covers all joint reinforcing wire manufactured by Hohmann & Barnard with a hot-dipped galvanized finish.

### Section 1: Summary

### Nested Method / Product Threshold

#### CONTENT INVENTORY

##### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

##### Threshold Disclosed Per

- Material  
 Product

##### Threshold level

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

##### Residuals/Impurities

Residuals/Impurities Considered in 0 of 2 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes  No

Are All Substances Above the Threshold Indicated:

**Characterized**  Yes  No

Percent Weight and Role Provided?

**Screened**  Yes  No

Using Priority Hazard Lists with Results Disclosed?

**Identified**  Yes  No

Name and Identifier Provided?

#### 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**

**BRITE BASIC WIRE [ IRON LT-P1 | END SILICON LT-UNK MANGANESE LT-P1 | END | MUL | REP CHROMIUM LT-P1 | RES | END | SKI PHOSPHORUS BM-2 | PHY | MAM ALUMINUM LT-P1 | RES | PHY | END COPPER LT-UNK SULFUR LT-UNK | SKI ] HOT DIP GALVANIZED COATING - ZINC [ ZINC LT-P1 | AQU | PHY | END | MUL ]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1  
Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

#### 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: Not Tested

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-06-25

PUBLISHED DATE: 2018-06-25

EXPIRY DATE: 2021-06-25



## 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.hpdc-collaborative.org/hpd-2-1-standard](http://www.hpdc-collaborative.org/hpd-2-1-standard)

### BRITE BASIC WIRE

%: 95.0000

HPD URL:

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities not considered as they would not be possible to track.

OTHER MATERIAL NOTES: Carbon steel wire prior to galvanization

### IRON

ID: 7439-89-6

%: 88.0000 - 90.5500

GS: LT-P1

RC: Both

NANO: No

ROLE: Core

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: 17% PreC, 82% PostC Pre-Consumer material is obtained from steel-fabrication recycling. Post-Consumer material is obtained from a variety of sources.

### SILICON

ID: 7440-21-3

%: 3.5000

GS: LT-UNK

RC: None

NANO: No

ROLE: Deoxidizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### MANGANESE

ID: 7439-96-5

%: 2.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Deoxidizer

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:

## CHROMIUM

ID: 7440-47-3

#: **0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Hardener / Corrosion Resistance**

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:

## PHOSPHORUS

ID: 7723-14-0

#: **0.2000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Increases Strength and Hardness**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES:

## ALUMINUM

ID: 7429-90-5

#: **0.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Deoxidizer**

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:

## COPPER

ID: 7440-50-8

#: **0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Hardening properties**

HAZARDS: AGENCY(IES) WITH WARNINGS:

**None Found** No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### SULFUR

ID: **7704-34-9**

#: **0.0500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Improves machinability**

HAZARDS: AGENCY(IES) WITH WARNINGS:

**SKIN IRRITATION** EU - GHS (H-Statements) H315 - Causes skin irritation

SUBSTANCE NOTES:

### HOT DIP GALVANIZED COATING - ZINC

#: **5.0000**

HPD URL:

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Residuals / Impurities would not be possible to track.**

OTHER MATERIAL NOTES:

### ZINC

ID: **7440-66-6**

#: **99.9000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Anti-Corrosion**

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

**PHYSICAL HAZARD (REACTIVE)** EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air

**PHYSICAL HAZARD (REACTIVE)** EU - GHS (H-Statements) H260 - In contact with water releases flammable gases which may ignite spontaneously

**ENDOCRINE** TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

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

SUBSTANCE NOTES:

## 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

Not Tested

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **All**

**06-25**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

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

No accessories are required for this product.

## Section 5: General Notes

Automated tool was used to determine health hazards and warnings.



## MANUFACTURER INFORMATION

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MANUFACTURER: **Hohmann & Barnard**  
ADDRESS: **30 Rasons Court**  
**Hauppauge New York 11788, United States**  
WEBSITE: **www-h-b.com**

CONTACT NAME: **Jeremy Douglas**  
TITLE: **Director of Architectural Serviceas**  
PHONE: **5188106484**  
EMAIL: **jeremyd@h-b.com**

## KEY

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**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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<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>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### Recycled Types

**PreC** Preconsumer (Post-Industrial)  
**PostC** Postconsumer  
**Both** Both Preconsumer and Postconsumer  
**Unk** Inclusion of recycled content is unknown  
**None** Does not include recycled content

### Other Terms

#### Inventory Methods:

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

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

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

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

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

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

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