Cold-Formed Steel Framing Systems by Super Stud Building Products

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 32465
CLASSIFICATION: 05 40 00 Cold-Formed Metal Framing
PRODUCT DESCRIPTION: This HPD covers the following products manufactured by Super Stud Building Products: Structural framing products, interior framing products, exterior framing products, floor framing products, and our full line of clips and accessories. This includes but is not limited to Load Bearing Systems, Curtainwall Systems, Super Joist and SuperMAXX Joist, Super Stud and SuperMAXX Stud, Clip Angles, Cold-Rolled Channel CRC, Deflection Clips, F-Track Corner Framing, Flat Strap, Furring Channel, Furring Channel Clips, GlidePlate™ Deflection Clips, Head of Wall Clips, Gusset Plates, Header Jamb and Cripple Clips, metal J L and U-Trims, Joist Bridle Hangers, Resilient Channel, SuperBead® Drywall Corner Bead, SuperJoist Blocking, Utility Angles, Web Stiffeners, Z-Furring Channel, The Edge™ Drywall Framing, Shaft Wall Systems, Deep Leg Track, Deflection Track, Slotted Deflection Track, FroMar™ Steel Panel System. Also included are products for MasterSpec: 09 22 16 NOTE: If mill certificates are required, you must request mill-certified steel at the time you place your order. Since 1973, Super Stud Building Products, Inc., with roots in the New York Tri-State area, has been a proud manufacturer of the building industry's most diverse offerings of steel framing components and accessories for use in the construction of commercial, institutional, and residential structures. With manufacturing plants in Edison, New Jersey and Hattiesburg, Mississippi, Super Stud is a multi-regional steel framing and accessories manufacturer committed to quality products, unmatched service, competitive pricing, and timely deliveries across the entire East Coast and beyond. Super Stud plays an active role in the steel framing industry, participating in the American Iron and Steel Institute (AISI), the Association of the Wall and Ceiling Industry (AWCI), ASTM International, and the Steel Framing Alliance (SFA).

Section 1: Summary

Basic 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
- ○ Other

Residuals/Impurities Evaluation
- ◉ Completed
- ○ Partially Completed
- ○ Not Completed

Explanation(s) provided :
- ◉ Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized ◉ Yes ○ No
Provided weight and role.

Screened ◉ Yes ○ No
Provided screening results using HPDC-approved methods.

Identified ○ Yes ◉ No
Provided name and CAS RN or other identifier.

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.

PRODUCT | MATERIAL OR SUBSTANCE | *RESIDUAL OR IMPURITY* GREENSCREEN SCORE | HAZARD TYPE

COLD-FORMED STEEL FRAMING SYSTEMS [STEEL NoGS ZINC, ELEMENTAL LT-P1 | END | MUL | PHY | AQU]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Per certification provided by steel mills.

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: Inherently non-emitting source per LEED

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?
- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2023-04-21
PUBLISHED DATE: 2023-04-21
EXPIRY DATE: 2026-04-21

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

COLD-FORMED STEEL FRAMING SYSTEMS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Per certification provided by steel mills, all commercial steel products contain “trace” or “residual” amounts of various elements in addition to those listed that generally originate in the raw materials used or the recycled content. Steel products may contain the following trace or residual elements including typical percentages for the elements identified: aluminum (0.01-0.5), boron (≤0.005 max, typically 0.001%), calcium (≤ 0.005 max, typically 0.0003%), nitrogen (≤ 0.01 max, typically 0.006%), silicon (≤ 0.03 max, typically 0.002%), and tin (≤ 0.03 max, typically 0.002%). Other trace elements not frequently identified, may include antimony, arsenic, cadmium, cobalt, lead, and zirconium.

OTHER PRODUCT NOTES: The final percentage concentration of steel in the finished product depends on the ratio of steel (base metal) to the corrosion-resistant galvanized coating. For example, a G90 coating on a 15-mil steel product represents 9.2% of the overall product weight, while a G40 coating on a 97-mil steel product only represents 0.4% of the overall product weight. Therefore, these percentages will vary depending on the mil thickness of the product ordered.

STEEL

ID: 12597-69-2

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-04-21 7:38:52**

%: **97.4000 - 99.1000** 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: Super Stud Building Products cold-formed steel framing products contain 34.2% pre- and post-consumer recycled steel sourced from several domestic (USA) suppliers.

ZINC, ELEMENTAL

ID: 7440-66-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-04-21 7:38:53**

%: **0.8500 - 2.6000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

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
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - New Zealand	Pyrophoric solids category 1
PHY	GHS - New Zealand	Self-heating substances and mixtures category 1
PHY	GHS - New Zealand	Substances and mixtures which, in contact with water, emit flammable gases category 1
PHY	GHS - Australia	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 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 Children's Products

SUBSTANCE NOTES: Hazards do not apply to the finished and installed product. Welding, sawing, drilling, etc during installation may release respirable particles. The Safety Data Sheet (SDS) for Galvanized (Hot Dipped) Sheet – Carbon Steel can be found at https://www.buysuperstud.com/images/documents/SafetyDataSheet-SuperStudBuildingProducts.pdf

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 — **Inherently non-emitting source per LEED**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Edison, New Jersey and Hattiesburg, Mississippi
CERTIFICATE URL:

ISSUE DATE: 2023-04-21
EXPIRY DATE:

CERTIFIER OR LAB: None

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.

SELF-DRILLING OR STEEL-TAPPING SCREWS FOR COLD-FORMED STEEL FRAMING CONNECTIONS
MANUFACTURER (OR GENERIC): **Generic**

HPD URL: No HPD Available
ACCESSORY TYPE: Fastner
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Self-drilling and self-piercing screws (per ASTM C1513) are used to connect cold-formed steel framing members together.

Section 5: General Notes

Steel Products as sold by Super Stud Building Products are NOT hazardous per OSHA GHS 29 CFR 1910, 1915, 1926. However, individual customer processes, (such as welding, sawing, and drilling during installation at the job site) may result in the formation of fumes, dust (combustible or otherwise), and/or particulate that may present the following hazards:
OSHA HAZARDS: Carcinogen; Skin Sensitizer; Target Organ Effect – Lungs;
GHS CLASSIFICATION: Carcinogenicity (Category 2); Skin Sensitization (Category 1); Specific Target Organ Toxicity-Repeated Exposure (Category 1);
HAZARD STATEMENT(S):
H317 Dust/fumes may cause an allergic skin reaction; H351 Dust/fumes suspected of causing cancer via inhalation;
H372 Inhalation of dust/fumes causes damage to respiratory tract through prolonged or repeated exposure;
PRECAUTIONARY STATEMENT(S):
P202 Do not handle until all safety precautions have been read and understood;
P261: Avoid breathing dust/fumes;
P281 Use personal protective equipment as required;
P308+P313 If exposed or concerned: Get medical advice/attention.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Super Stud Building Products**
ADDRESS: **2960 Woodbridge Avenue**
Edison New Jersey 08837-3406, United States
WEBSITE: **https://www.buysuperstud.com/**

CONTACT NAME: **Susanne Allen**
TITLE: **Technical Services Manager**
PHONE: **732-662-6217**
EMAIL: **technical@buysuperstud.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
NoGS No GreenScreen.

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, and Best Practices for Hazard Screening on the HPDC website (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 for compliance with the HPD standard noted.