

Name

Cold-Formed Steel Products - Living Building Challenge Compliant

Product ID

Multiple ID's - See Description

Website

www.clarkdietrich.com/

Manufacturer Address

ClarkDietrich Building Systems
9100 Centre Pointe Drive
Suite 210
West Chester, Ohio 45069

Classification

05 40 00.00 Metals (beams): Cold-Formed Metal Framing

Contact Name

Technical Services

Title

(888) 437-3244

Phone

support@clarkdietrich.com

Email

1.0

Health Product
DECLARATION

Description

ClarkDietrich Building Systems hereby affirms and declares the galvanized cold-formed steel framing represented by this report, and its raw materials, do not contain any of the chemicals identified as “Red-List” materials. Living Building Challenge compliant cold-formed steel framing is a special order product and a reference to the Living Building Challenge requirement must be made at time of order entry.

Base Metal: Steel

Base Metal Coating: Galvanized

Product ID - HPD covers Interior Framing Products, Interior Finishing Products, Exterior Framing Products, Floor Framing Products, Clips & Connectors, and Plaster Stucco & Veneer Products made of Cold-Formed Steel Framing. This includes, but is not limited to the following brand name products and systems, ProSTUD® Drywall Framing System, HDS®, MaxTrak™.

Additional MasterSpecs: 09 22 16.00 Finishes:Non-Structural Metal Framing, 09 24 00.00 Finishes: Cement Plastering, 09 21 16.23 Finishes: Gypsum Board Shaft Wall Assemblies.

SAFETY: Occupational Exposure Limits (OELs): Cold-Formed Steel Product as sold and shipped in its physical form does not present an inhalation, ingestion or contact hazard. However, operations such as burning, welding (high temperature), sawing, brazing, machining, grinding, etc. may produce fumes and/or particulates. Please refer to the ClarkDietrich Building Systems Safety Data Sheet (SDS) for more information.

Release Date

2015-07-21

Expiry Date

2018-07-21

HPD URL

<https://builder.hpd-collaborative.org/uploads/files/hpds/935/3555-20150721144542.pdf>

☒ Self-declared

☐ Second Party

☐ Third Party

Certifier

Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure

☒ Measured 100 ppm (ideal)

☐ Measured 1000 ppm

☐ Predicted by process chemistry

☐ As per MSDS (1,000 & 10,000 ppm)

☐ Not disclosed

☐ Other

Full Disclosure of Intentional Ingredients

☒ Yes

☐ No

Full Disclosure of Known Hazards

☒ Yes

☐ No

Disclosure Notes

Contents in Descending Order of Quantity

Steel , ZINC , ALUMINUM

Hazards

☐ PBT (Persistent Bioaccumulative Toxic)

☐ Cancer

☐ Gene Mutation

☐ Development

☐ Reproductive

☒ Endocrine

☒ Respiratory

Highest concern GreenScreen score - List Translator Possible Benchmark 1

☐ Neurotoxicity

☐ Mammal

☐ Skin or Eye

☒ Aquatic toxicity

☐ Land toxicity

☒ Physical hazard

☐ Global warming

☐ Ozone depletion

☐ Multiple

☐ Unknown

Health Product Declaration v1.0 - hpdcollaborative.org - Page 1 of 4

Total VOC Content

Material (g/L)

Regulatory (g/L)

N/A

N/A

Does the product contain exempt VOCs?

Are there VOC-free tints available?

☒ N/A

☐ Yes

☐ No

☒ N/A

☐ Yes

☐ No

Notes

Certifications + Compliance

VOC Emissions

Not tested

VOC Content

N/A

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.
GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Steel	12597-69-2	88.52 - 99.52 %		U	N	Building Material - Base Metal
None found	No warnings found on HPD Priority lists					
Steel is North America’s most recycled material with more steel recycled than paper, plastic, aluminum and glass combined. The Steel Recycling Institute reports that Steel in North America is always made with avg. minimum of 25 percent recycled content.						
ZINC	7440-66-6	0.47 - 11.36 %	LT-P1	U	N	Base Metal Coating
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
FLAMMABLE	EU H-Statements: H250 Catches fire spontaneously if exposed to air					
REACTIVE	EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
ALUMINUM	7429-90-5	0 - 0.11 %	LT-P1	U	N	Base Metal Coating
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
FLAMMABLE	EU H-Statements: H228 Flammable solid					
REACTIVE	EU H-Statements: H261 In contact with water releases flammable gases					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Other				

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	

NOTES