

Name Cold-Formed Steel Products



Product ID Multiple ID's - See Description Classification 05 40 00.00 Metals (beams): Cold-Formed Metal Framing

Website www.clarkdietrich.com/

Manufacturer ClarkDietrich Building Systems Contact Name Technical Services
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Suite 210 Phone (888) 437-3244
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Description Base Metal: Steel
Base Metal Coating: Galvanized with Passivation (if applicable)
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, RedHeader RO™ Rough Opening System, 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 2015-07-14
Expiry Date 2018-07-14
HPD URL https://builder.hpd-collaborative.org/uploads/files/hpds/935/2098-20150714163234.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 Full Disclosure of Intentional Ingredients
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 Known Hazards
Disclosure Notes
Yes No
Yes No

Contents in Descending Order of Quantity

Steel , ZINC , Phosphoric acid, chromium(3++) salt (1:1) , ZINC POTASSIUM CHROMATE , CHROMIUM (VI) OXIDE , BARIUM CHROMATE , Chromium , PHOSPHORIC ACID

Hazards Highest concern GreenScreen score - List Translator Benchmark 1
PBT (Persistent Bioaccumulative Toxic)
Cancer
Gene Mutation
Development
Reproductive
Endocrine
Respiratory
Neurotoxicity
Mammal
Skin or Eye
Aquatic toxicity
Land toxicity
Physical hazard
Global warming
Ozone depletion
Multiple
Unknown

Total VOC Content Material (g/L) N/A Regulatory (g/L) N/A
Does the product contain exempt VOCs?
Are there VOC-free tints available?
N/A Yes No
N/A Yes No

Notes

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**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](http://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](http://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
<b>Hazard A</b>	<b>Warning A</b>					
<b>Hazard B</b>	<b>Warning B</b>					
<b>Hazard C</b>	<b>Warning C</b>					
<b>Hazard D</b>	<b>Warning D</b>					
<b>Hazard E</b>	<b>Warning E</b>					
<b>Notes</b>						
<b>Steel</b>	12597-69-2	90.8 - 100 %		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.						
<b>ZINC</b>	7440-66-6	0.15 - 9.1 %	LT-P1	N	U	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					
<b>Phosphoric acid, chromium(3++) salt (1:1)</b>	7789-04-0	0 - 0.01 %	LT-U	U	U	Passivation Coating (if applicable)
None found	No warnings found on HPD Priority lists					
NOTE: It is an industry standard to add Passivation Coatings, and the chemical make-up may vary slightly but the total mass percentage of the coating compared to the product is less than 0.01%. You can request your products without this coating but it will be detrimental to the corrosion resistance of the product.						
<b>ZINC POTASSIUM CHROMATE</b>	11103-86-9	0 - 0.01 %	LT-1	U	U	Passivation Coating (if applicable)
CANCER	EU SVHC: Carcinogenic - Banned unless authorised (also in EU CMR (1), EU R-Phrases, EU H-Statements, EU CMR					

	(2))
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant)
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life / M-Factor of 10 (also in EU R-Phrases)
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects

NOTE: It is an industry standard to add Passivation Coatings, and the chemical make-up may vary slightly but the total mass percentage of the coating compared to the product is less than 0.01%. You can request your products without this coating but it will be detrimental to the corrosion resistance of the product.

<b>CHROMIUM (VI) OXIDE</b>	1333-82-0	0 - 0.01 %	LT-1	U	U	Passivation Coating (if applicable)
CANCER	EU SVHC: Carcinogenic - Banned unless authorised (also in NTP-RoC, EU CMR (1), EU R-Phrases, EU H-Statements, NIOSH-C, EU CMR (2), IARC, Prop 65, MAK)					
REPRODUCTIVE	EU R-Phrases: R62: Possible risk of impaired fertility. (also in EU H-Statements, Prop 65)					
GENE MUTATION	EU SVHC: Mutagenic - Banned unless authorised (also in EU R-Phrases, EU H-Statements, EU CMR (1), EU CMR (2))					
RESPIRATORY	EU R-Phrases: R42: May cause sensitization by inhalation. (also in EU H-Statements)					
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction (also in EU R-Phrases)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure. (also in EU H-Statements)					
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					
REACTIVE	EU H-Statements: H271 May cause fire or explosion; strong oxidiser					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS)					
DEVELOPMENTAL	Prop 65: Developmental toxicity					

NOTE: It is an industry standard to add Passivation Coatings, and the chemical make-up may vary slightly but the total mass percentage of the coating compared to the product is less than 0.01%. You can request your products without this coating but it will be detrimental to the corrosion resistance of the product.

<b>BARIUM CHROMATE</b>	10294-40-3	0 - 0.01 %	LT-P1	U	U	Passivation Coating (if applicable)
CANCER	IARC: Group 1: Agent is carcinogenic to humans (also in Prop 65, EU H-Statements, MAK)					
DEVELOPMENTAL	Prop 65: Developmental toxicity					
REPRODUCTIVE	Prop 65: Female reproductive toxicity					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
SKIN SENSITIZE	MAK: Sensitizing Substance Sh - Danger of skin sensitization					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					

NOTE: It is an industry standard to add Passivation Coatings, and the chemical make-up may vary slightly but the total mass percentage of the coating

compared to the product is less than 0.01%. You can request your products without this coating but it will be detrimental to the corrosion resistance of the product.

<b>Chromium</b>	7440-47-3	0 - 0.01 %	LT-U	U	N	Passivation Coating (if applicable)
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
NOTE: It is an industry standard to add Passivation Coatings, and the chemical make-up may vary slightly but the total mass percentage of the coating compared to the product is less than 0.01%. You can request your products without this coating but it will be detrimental to the corrosion resistance of the product.						

<b>PHOSPHORIC ACID</b>	7664-38-2	0 - 0.01 %	LT-U	U	U	Passivation Coating (if applicable)
SKIN IRRITATION	EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)					
NOTE: It is an industry standard to add Passivation Coatings, and the chemical make-up may vary slightly but the total mass percentage of the coating compared to the product is less than 0.01%. You can request your products without this coating but it will be detrimental to the corrosion resistance of the product.						

**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
<b>Condition when required or recommended and/or other notes</b>	

**NOTES**