

**Name** ProSTUD® Drywall Framing with DiamondPlus™ Coating

**Product ID** ProSTUD® Drywall Framing with DiamondPlus™ Coating      **Classification** 09 22 16.00 Finishes: Non-Structural Metal Framing

**Website** www.clarkdietrich.com/



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

**Contact Name** Technical Services  
**Title**  
**Phone** (888) 437-3244  
**Email** support@clarkdietrich.com

**Description** Base Metal: Steel

Base Metal Coating: Galvanized with Passivation

This declaration covers ProSTUD Drywall Framing with DiamondPlus Coating. ClarkDietrich offers ProSTUD with DiamondPlus coating—the next generation of high-performance, code-compliant steel framing systems. The corrosion resistance of DiamondPlus Coating is superior to that of G40 Hot Dipped Galvanized. DiamondPlus Coating isn't a paint, barrier or mere surface treatment. It attaches to the base substrate of the steel through a chemical reaction. The result? A permanently bonded coating that provides unparalleled corrosion protection. ProSTUD with DiamondPlus coating doesn't just meet code, it surpasses it. DiamondPlus coated steel products have bare steel thicknesses in the range of 0.0150 inches to 0.0329 inches.

Common interior framing applications of the ProSTUD Drywall Framing system with DiamondPlus Coating:

- Fire Rated Partitions – Nonstructural
- Non Fire Rated Partitions – Nonstructural
- Ceilings
- Soffits
- Bulkheads

**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       Self-declared

**Expiry Date** 2018-07-14       Second Party      **Certifier**

**HPD URL** <https://builder.hpd-collaborative.org/uploads/files/hpds/935/3529-20150714163507.pdf>       Third Party      **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**       Yes       No

Measured 100 ppm (ideal)      **Full Disclosure of Known Hazards**       Yes       No

Measured 1000 ppm

Predicted by process chemistry

As per MSDS (1,000 & 10,000 ppm)

Not disclosed

Other

**Disclosure Notes**

**Contents in Descending Order of Quantity**

Steel , ZINC , ZINC NITRATE , potassium polysilicate , Chromium tris(dihydrogen phosphate) , NICKELOUS NITRATE , zinc bis(dihydrogen phosphate) , PHOSPHORIC ACID , CHROMIUM (VI) OXIDE , ZINC OXIDE , ZINC CHROMATE

**Hazards**

PBT (Persistent Bioaccumulative Toxic)       Development       Neurotoxicity       Land toxicity       Multiple

Cancer       Reproductive       Mammal       Physical hazard       Unknown

Endocrine       Skin or Eye       Global warming

Respiratory       Aquatic toxicity       Ozone depletion

**Highest concern GreenScreen score - List Translator Benchmark 1**

Gene Mutation

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**Total VOC Content**

Material (g/L) N/A  
Regulatory (g/L) N/A

**Does the product contain exempt VOCs?**

N/A  Yes  No

**Are there VOC-free tints available?**

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
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	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.						
ZINC	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					
ZINC NITRATE	7779-88-6	0 - 0.01 %	LT-P1	U	U	Passivation Coating Component
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
NOTE: Due to regional variations in Passivation Coating formulas, DiamondPlus coated products contain different combinations of the components listed in this declaration. To determine the exact components used please contact Technical Services with your order number.						
potassium polysilicate	1312-76-1	0 - 0.01 %	LT-U	U	N	Passivation Coating Component
None found	No warnings found on HPD Priority lists					

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<b>Chromium tris(dihydrogen phosphate)</b>	27096-04-4	0 - 0.01 %	LT-P1	U	N	Passivation Coating Component
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MULTIPLE VwVwS: Class 2 Hazard to Waters

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<b>NICKELOUS NITRATE</b>	13138-45-9	0 - 0.01 %	LT-1	U	N	Passivation Coating Component
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CANCER EU R-Phrases: R49: May cause cancer by inhalation. (also in EU H-Statements, EU CMR (2), IARC, Prop 65, NIOSH-C, MAK)

DEVELOPMENTAL EU R-Phrases: R61: May cause harm to the unborn child. (also in EU H-Statements)

REPRODUCTIVE EU CMR (2): Reproductive Toxicity - Category 1B

GENE MUTATION EU R-Phrases: R68: Possible risk of irreversible effects (also in EU H-Statements)

RESPIRATORY EU R-Phrases: R42: May cause sensitization by inhalation. (also in EU H-Statements, AOEC, MAK)

MAMMALIAN EU R-Phrases: R23: Toxic by inhalation.

EYE IRRITATION EU H-Statements: H318 Causes serious eye damage (also in EU R-Phrases)

SKIN IRRITATION EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)

SKIN SENSITIZE EU R-Phrases: R43: May cause sensitization by skin contact.

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: H272 May intensify fire; oxidiser

MULTIPLE SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS)

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<b>zinc bis(dihydrogen phosphate)</b>	13598-37-3	0 - 0.01 %	LT-P1	U	U	Passivation Coating Component
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MULTIPLE VwVwS: Class 2 Hazard to Waters

NOTE: Due to regional variations in Passivation Coating formulas, DiamondPlus coated products contain different combinations of the components listed in this declaration. To determine the exact components used please contact Technical Services with your order number.

<b>PHOSPHORIC ACID</b>	7664-38-2	0 - 0.01 %	LT-U	U	N	Passivation Coating Component
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SKIN IRRITATION EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)

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<b>CHROMIUM (VI) OXIDE</b>	1333-82-0	0 - 0.01 %	LT-1	N	U	Passivation Coating Component
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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

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<b>ZINC OXIDE</b>	1314-13-2	0 - 0.01 %	LT-P1	U	U	Passivation Coating Component
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
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					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					

NOTE: Due to regional variations in Passivation Coating formulas, DiamondPlus coated products contain different combinations of the components listed in this declaration. To determine the exact components used please contact Technical Services with your order number.

<b>ZINC CHROMATE</b>	13530-65-9	0 - 0.01 %	LT-1	U	U	Passivation Coating Component
CANCER	NTP-RoC: Known to be Human Carcinogen (also in NIOSH-C, IARC, Prop 65, EU H-Statements, MAK, EU CMR (1), EU R-Phrases, EU CMR (2))					
SKIN SENSITIZE	MAK: Sensitizing Substance Sh - Danger of skin sensitization (also in EU R-Phrases)					
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
DEVELOPMENTAL	Prop 65: Developmental toxicity					
REPRODUCTIVE	Prop 65: Female reproductive toxicity					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
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					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					

NOTE: Due to regional variations in Passivation Coating formulas, DiamondPlus coated products contain different combinations of the components listed in this declaration. To determine the exact components used please contact Technical Services with your order number.

## 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**