**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.

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

**Hazards**

- Development
- Reproductive
- Endocrine
- Respiratory

- Neurotoxicity
- Mammary
- Skin or Eye
- Aquatic toxicity

- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion

- Multiple
- Unknown
- Ozone depletion

- List Translator Benchmark 1
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<th>Total VOC Content</th>
<th>N/A</th>
<th>Does the product contain exempt VOCs?</th>
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<th>No</th>
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**Notes**

**Certifications + Compliance**

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<th>VOC Content</th>
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</table>
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

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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<td>Warning B</td>
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</tbody>
</table>

**Steel**

- **CAS RN**: 12597-69-2
- **% weight**: 90.8 - 100%
- **Role**: 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**

- **CAS RN**: 7440-66-6
- **% weight**: 0.15 - 9.1%
  - **Role**: Base Metal Coating

**Acute Aquatic**

EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)

**Chronic 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**

- **CAS RN**: 7779-88-6
- **% weight**: 0 - 0.01%
  - **Role**: 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**

- **CAS RN**: 1312-76-1
- **% weight**: 0 - 0.01%
  - **Role**: Passivation Coating Component

None found

No warnings found on HPD Priority lists
<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
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<tr>
<td>MULTIPLE</td>
<td>VwWvS: Class 2 Hazard to Waters</td>
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<td>Nickelous Nitrate</td>
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<td>Phosphoric Acid</td>
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<td>MULTIPLE</td>
<td>VwWvS: Class 2 Hazard to Waters</td>
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<td>Chromium (VI) Oxide</td>
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<td>0 - 0.01 %</td>
<td>LT-1</td>
<td>U</td>
<td>Passivation Coating Component</td>
</tr>
</tbody>
</table>

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.
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: 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.

ZINC OXIDE
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.

ZINC CHROMATE
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.

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard or Certification</th>
<th>Certifier or Laboratory</th>
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<tbody>
<tr>
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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.

<table>
<thead>
<tr>
<th>Required or Recommended Product</th>
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NOTES