GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Steel Builder Joint Stock Company
Steel Structures

Steel Builder Steel Structures comes with a 3-year warranty on materials. Pre-engineered steel structured buildings are the optimal solution for each customer's requirements in industrial projects, with input parameters such as width, length, height (PEB), roof slope, intercolumniation, and load. The range of applications for pre-engineered steel buildings is extensive, including warehouses, manufacturing factories, high-rise buildings, hangars, exhibition centres, and more. Steel builder holds ISO 9001:2015, EN ISO 3834-2:2021, and a BSI Benchmark certificate (AS/NZS 5131:2016 – Structural steelwork – Fabrication and erection). Additionally, Steel Builder's operations adhere to ISO 14001 and ISO 45001 standards, demonstrating a commitment to environmental sustainability and occupational health and safety.

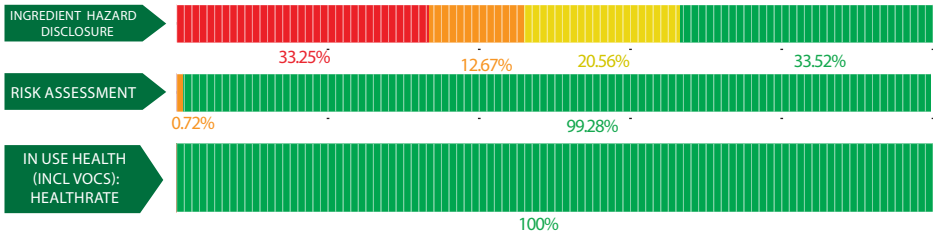
Products/Ranges:	Steel Structures
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Structure and Structural Framing
CSI Masterformat:	05 12 23
Licenced Site/s:	Ho Chi Minh City, Viet Nam
Licence Number:	STB:HO01:2026:PH
Licence Date:	17th April 2026
Valid To:	17th April 2027
Standard:	GGT International v4.1
Screening Date:	15th April 2026
PHD URL:	https://www.globalgreentag.com/certificate/3118

PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL ® & LEED ® Material Transparency & Optimization credits included below:
- Meets IWBI ® WELL ® v1.0 as Recognized for ~ Feature 97 (Part 1); and, meets IWBI ® WELL ® v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED ® v4.0 and v4.1 Rating Tool Credit as Recognized for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Independent third party assessment for worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.
See over for explanation.

ASSESSMENT:



Declared by:
Global GreenTag International Pty Ltd

David Baggs
CEO

Verified compliant with:
ISO 14024 & ISO 17065

1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risks associated with any certified products, and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for final product throughout the product life cycle (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

i. substances used or created during the manufacturing process unless they remain in the final product; or

ii. substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH, GoldHEALTH or PlatinumHEALTH) of a PHD rating relates ONLY to a Human Health Toxicity Assessment and is declared separately and not equivalent to the overall Bronze, Silver Gold or Platinum GreenTag Certification Mark Tier Levels of LCARate.

1.2 Preparing a PHD

GGT PHDs are prepared in the format of a transparency document which utilizes Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard Classifications are then risk assessed with a focus on the In Use stage for an outcome of Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the International Standard v4.0/4.1, Personal Products Standard v1.0/1.1, or Cleaning Products Standard v1.1/1.2 and above Program Rules.

1.3 External Peer Review

Every GGT PHD is independently peer-reviewed by an external Consultant Toxicologist and Member of the Australasian College of Toxicology & Risk Assessment.

2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients, such as LEED ® v4.0 & v4.1, WELL ® v1.0 & v2.0, Green Star ®, the following information is declared from the audit:

Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.

Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category		Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Material: Steel								
Steel	Main frame	90-100%	None	OK				The substance is not hazardous to humans. Recycled Content: 17% Nanomaterials: Unknown
Material: Zinc								
zinc powder - zinc dust (stabilised)	Rust and corrosion resistant	0.01-1%	H400, H410	OK				The substance is harmful to humans if it is inhaled or contact in skin. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Material: Welding materials	Connect the parts together	0.01-1%	None	Ok				The substance is not hazardous to humans. Recycled Content: No Nanomaterials: Unknown
Buyout								
Buyout	Accessories	2-3%	None	OK				The substance is not hazardous to humans. Recycled Content: No Nanomaterials: Unknown
Material: Paint								
Pyrophyllite	12269-78-2	0.01-1%	None, H319	OK				The substance is harmful to humans if contact in eye. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Dolomite	16389-88-1	0.01-1%	None, H319	OK				The substance is harmful to humans if contact in eye. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Poly(Bisphenol A-co-epichlorohydrin) glycidyl end-capped	25036-25-3	0.01-1%	H317 (Skin Irrit 1), H413 (Aq Chronic 4), H335 (STOT RE 3)	OK				The substance is harmful to humans if contact in eye/skin/inhale. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown

bis-[4-(2,3-epoxipropoxi) phenyl]propane	1675-54-3	0.01-1%	H315, H319, H317	OK				The substance is harmful to humans if contact in eye/skin/inhalation. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Titanium dioxide	13463-67-7	0.01-1%	H351 (Inhalation)	OK				The substance is harmful to humans if inhaled. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
1,2-xylene; 1,3-xylene; 1,4-xylene	1330-20-7	0.01-1%	H226, H332, H312, H315	OK				The substance is harmful to humans if contact in skin. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Cashew, nutshell liq., oligomeric reaction products with 1-chloro-2,3-epoxypropane	68413-24-1	0.01-1%	H317	OK				The substance is harmful to humans if contact in skin. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Solvent naphtha	64742-95-6	0.01-1%	H350, H340, H304	OK				The substance is harmful to humans if it is inhaled. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
butan-1-ol; n-butanol	71-36-3	0.01-1%	H226, H302, H335, H336, H315, H318	OK				The substance is harmful to humans if it is inhaled, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown

ethylbenzene	100-41-4	0.01-1%	H225, H332, H304, H373	OK				The substance is harmful to humans if it is inhaled. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Silicic acid, ethyl ester	11099-06-2	0.01-1%	H225, H303, H313, H315, H319, H332, H336, H350, H361, H361	OK				The substance is harmful to humans if it is inhaled, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	0.01-1%	H225, H336, H319	OK				The substance is harmful to humans if contact in eye. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Pyrophyllite	12269-78-2	0.01-1%	None, H319	OK				The substance is harmful to humans if contact in eye. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown"
Talc (Mg3H2(SiO3)4)	14807-96-6	0.01-1%	None	OK				The substance may be harmful upon contact. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown"
Material: Paint								
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers	67989-52-0	0.01-1	H317	OK				The substance is harmful to humans if contact in skin. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown

Titanium dioxide	13463-67-7	0.01-1	H351 (Inhalation)	OK				The substance is harmful to humans if it is inhaled. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Silicondioxide	14808-60-7	0.01-1	None	OK				The substance may be harmful upon contact. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Talc (Mg3H2(SiO3)4)	14807-96-6	0.01-1	None	OK				The substance may be harmful upon contact. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Fatty acids, (C=18)-unsatd., dimers reaction products with bisphenol A diglycidyl ether	69155-35-7	0.01-1	None	OK				The substance may be harmful upon contact. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Titanium dioxide	13463-67-7	0.01-1	H351 (Inhalation)	OK				The substance is harmful to humans if it is inhaled. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Silicondioxide	14808-60-7	0.01-1	None	OK				The substance may be harmful upon contact. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown

Talc (Mg3H2(SiO3)4)	14807-96-6	0.01-1	None	OK				The substance may be harmful upon contact. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Material: Paint								
bis-[4-(2,3-epoxipropoxi) phenyl]propane	1675-54-3	0.01-1	H315, H319, H317	OK				The substance is harmful to humans if contact in eye. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Properitory	Paint	0.01-1	None	OK				The substance may be harmful upon contact. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown
Material: Paint								
ethanol; ethyl alcohol	64-17-5	0.01-1	H225	OK				The substance is harmful to humans if inhaled or ingested. Inhalation of vapors and contact with an ignition source may pose additional hazards. The health and safety procedures reduces the risks during the manufacturing stage. The manufacturer is certified to ISO14001, 45001 and have quality, safety and environmental policy in place. Once fully cured, the substance is chemically stable and non-reactive under normal conditions of use, and therefore does not pose significant risk to end users. Recycled Content: None Nanomaterials: Unknown

GHS H-Statement classification

H225: Highly flammable liquid and vapour
H226: Flammable liquid and vapour
H302: Harmful if swallowed
H303: May be harmful if swallowed
H304: May be fatal if swallowed and enters airways
H312: Harmful in contact with skin
H313: May be harmful in contact with skin
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H319: Causes serious eye irritation
H332: Harmful if inhaled

Comments:
Other relevant information as necessary