GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

China Construction Shenzhen decoration Co., LTD

Magnesium Wing Composite Panel

Magnesium Wing Composite Panel is a prefabricated composite panel used for internal wall, ceiling, and partition applications. The product consists of a magnesium-based board with a composite core.

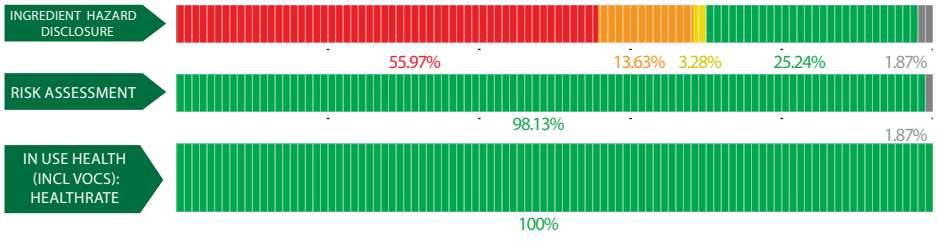
Products/Ranges:	Magnesium Wing Composite Panel
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	External Wall Claddings, Facades and Systems
CSI Masterformat:	074243
Licenced Site/s:	Shengzheng, China
Licence Number:	CCS:SZ01:2026:PH
Licence Date:	02 February 2026
Valid To:	02 February 2027
Standard:	GGT International v4.1
Screening Date:	13th January 2026
PHD URL:	https://www.globalgreentag.com/certificate/3070

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 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 4); Feature 11 (Part 1, 5); Feature 25 (Part 4) , and, meets IWBI ° WELL ° v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X01 (Part 1, 2, 3); X05 (Part 1, 2); X06 (Part 1, 2); 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	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Quartz								
Silicondioxide	14808-60-7	1-5%	IARC 1, None	OK				This substance is hazardous to inhale. Respirable crystalline silica can cause silicosis and other chronic respiratory diseases. Risks can be controlled with OHS/HSEQ measures. Once cured in the final product, it is fully bound and does not pose a health risk under normal use.
Aluminium oxide	1344-28-1	0.01-1%	None, H302, H332, H351	OK				This substance may cause mild skin, eye, or respiratory irritation in dust form. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the cured product, it is inert and poses no health risk under normal use.
Diiron trioxide	1309-37-1	<0.01%	IARC 3, None, H411	OK				This substance may cause mild irritation to skin, eyes, or the respiratory system when dusty. Risks can be controlled with OHS/HSEQ measures. Once bound in the final cured product, it does not pose a health risk under normal use.
Magnesium oxide	1309-48-4	<0.01%	None, H319, H315, H410, H317, H335, H371, H302, H318, H304, H361, H336, H400, H225, H373, H332, H334, H411	OK				This substance may cause skin and eye irritation and may cause respiratory discomfort if dusty. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the wet mix and cured, it is stable and does not pose a health risk in use.
Calcium oxide	1305-78-8	<0.01%	H318, H335, H315	OK				This substance is corrosive and may cause severe skin, eye, or respiratory irritation when handled in dry form. Risks can be controlled with OHS/HSEQ measures. Once mixed with water and cured within the product, it is chemically stabilised and does not pose a health risk under normal conditions.
Dipotassium oxide	12136-45-7	0.01-1%	H318, H314	OK				This substance may cause skin and eye irritation. Inhalation of dust may lead to mild respiratory discomfort. Risks can be controlled with OHS/HSEQ practices. Once bound in the cured product, it does not pose a health risk under normal use.
Disodium oxide	1313-59-3	<0.01%	H314	OK				This substance is corrosive and may cause severe skin and eye irritation. Inhalation of dust may lead to respiratory irritation. Risks can be controlled with OHS/HSEQ measures. Once incorporated into a wet formulation and bound in the final product, it does not pose a health risk under normal use.
Titanium dioxide	13463-67-7	<0.01%	IARC 2B, H351 (Inhalation)	OK				This substance may cause eye and respiratory irritation in dust form. Risks can be controlled with OHS/HSEQ measures. Once bound in the final product, it is stable and does not pose a health risk under normal use.
Magnesium sulphate (impure)								
Magnesium sulphate	7487-88-9	15-30%	None, H317	OK				This substance may cause mild skin and eye irritation. Inhalation of dust may cause minor respiratory discomfort. Risks can be controlled with OHS/HSEQ measures such as dust minimisation and safe handling. Once incorporated into the wet mix and fully cured, it is bound within the final product and does not pose a health risk under normal use.
Magnesium oxide	1309-48-4	1-5%	None, H319, H315, H410, H317, H335, H371, H302, H318, H304, H361, H336, H400, H225, H373, H332, H334, H411	OK				This substance may cause skin and eye irritation and may cause respiratory irritation when dusty. Risks can be controlled with OHS/HSEQ measures. Once bound within the cured product, it is stable and does not pose a health risk under normal use.

Iron dichloride	7758-94-3	<0.01%	H302, H318, H290, H317	OK				This substance may cause skin and eye irritation. Inhalation of dust may cause mild respiratory discomfort. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the wet mix and cured, it is immobilised and does not present a health risk under normal use.
Magnesium oxide (impure)								
Silicon dioxide	7631-86-9	0.01-1%	IARC 3, None	OK				This substance may cause mild skin, eye, or respiratory irritation in dust form. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the wet mix and fully cured, it is bound in the final product and does not pose a health risk under normal use.
Calcium oxide	1305-78-8	0.01-1%	H318, H335, H315	OK				This substance is corrosive and may cause severe skin, eye, and respiratory irritation when in dry form. Risks can be controlled with OHS/HSEQ measures. Once reacted in the wet mix and cured, it becomes chemically stable and does not pose a health risk under normal use.
Magnesium oxide	1309-48-4	5-15%	None, H319, H315, H410, H317, H335, H371, H302, H318, H304, H361, H336, H400, H225, H373, H332, H334, H411	OK				This substance may cause skin and eye irritation and may cause respiratory discomfort if dust is generated. Risks can be controlled with OHS/HSEQ measures. Once bound in the final cured product, it does not pose a health risk under normal use.
Diiron trioxide	1309-37-1	0.01-1%	IARC 3, None, H411	OK				This substance may cause mild skin, eye, or respiratory irritation in its powder form. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the cured product, it is stable and does not pose a health risk under normal conditions of use.
Aluminium oxide	1344-28-1	0.01-1%	None, H302, H332, H351					This substance may cause mild eye, skin, or respiratory irritation in dust form. Risks can be controlled with OHS/HSEQ measures. Once bound in the final product, it is inert and does not pose a health risk under normal use.
PP fiber								
Proprietary Substance		1-5%	None					Covered by substance declaration and SVHC certificate
polystyrene foam								
Styrene, oligomers	9003-53-6	15-30%	IARC 3, H319, H315, H332, H226, None, H335, H360, H350, H318	OK				This substance may cause mild skin or eye irritation in dust or bead form. Inhalation of particulates may cause minor respiratory discomfort. Risks can be controlled with OHS/HSEQ measures such as dust minimisation during handling. Once incorporated into the final cured product, it is stable and does not pose a health risk under normal use.
water	7732-18-5	0.01-1%	None	OK				This substance is not hazardous and does not pose any health risks. It is consumed or bound during curing and does not remain as an exposure hazard in the final product.
cold-formed thin walled								
Carbon	7440-44-0	50-70%	None, H373	OK				This substance may cause mild skin, eye, or respiratory irritation in dust or powder form. Risks can be controlled with OHS/HSEQ measures such as dust minimisation. Once incorporated into the cured product, it is bound and does not pose a health risk under normal use.

Silicon	7440-21-3	30-50%	None	OK				This substance may cause mild irritation in dust form. It is otherwise inert. Risks can be controlled with OHS/HSEQ practices. Once incorporated into the cured product, it is stable and does not present a health risk under normal conditions.
Manganese	7439-96-5	5-15%	None, H411, H412	OK				This substance may cause mild irritation in dust form. Inhalation of fumes (not relevant to cured products) may cause health effects. Risks can be controlled with OHS/HSEQ measures. Once bound in the final product, it poses no health risk under normal use.
Phosphorus	7723-14-0	5-15%	H228 , H412	OK				This substance is highly reactive and hazardous in raw form. However, it is not present in reactive form once incorporated into a mixture and cured; it becomes bound or converted. Risks can be controlled with OHS/HSEQ practices during handling of the raw chemical. In the final product, it does not pose a health risk under normal use.
sulfur	7704-34-9	5-15%	H315	OK				This substance may cause mild irritation to skin, eyes, or respiratory system when in dust/powder form. Risks can be controlled with OHS/HSEQ measures. Once bound in the cured product, it is stable and does not pose a health risk.
Titanium	7440-32-6	1-5%	None, H228	OK				This substance is generally inert. Dust may cause mild mechanical irritation to skin, eyes, or respiratory system. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the final cured product, it is bound and does not pose a health risk.
Modifier								
Poly(oxy-1,2-ethanediyl),α-hydro-ω-hydroxy- Ethane-1,2-diol, ethoxylated	25322-68-3	0.01-1%	None	OK				This substance may cause mild skin or eye irritation in liquid or powder form. Inhalation of mist or dust may cause minor respiratory discomfort. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the wet mix and fully cured, it is bound within the product and does not pose a health risk under normal use.
Silicic acid, sodium salt	1344-09-8	0.01-1%	H318, H315, H335, H290, H314, H319, None	OK				This substance may cause skin and eye irritation. Inhalation of dust may lead to respiratory discomfort. Risks can be controlled with OHS/HSEQ measures. Once bound in the cured product, it does not pose a health risk under normal use.
Aluminium ammonium bis(sulphate)	7784-25-0	0.01-1%	None	OK				This substance may cause skin and eye irritation. Inhalation of dust may cause mild respiratory discomfort. Risks can be controlled with OHS/HSEQ measures. Once incorporated into the cured product, it does not pose a health risk under normal use.
Sodium sulphite	7757-83-7	0.01-1%	None	OK				This substance may cause mild skin or eye irritation. Inhalation of dust may cause minor respiratory discomfort. Risks can be controlled with OHS/HSEQ measures. Once bound in the final product, it does not pose a health risk under normal use.

Sodium gluconate	527-07-1	0.01-1%	None	OK				This substance is of low toxicity and may cause mild skin or eye irritation. Risks can be controlled with OHS/ HSEQ measures. Once incorporated into the cured product, it does not pose a health risk under normal use.
water	7732-18-5	0.01-1%	None	OK				This substance is not hazardous and poses no health risk. It is consumed or bound during curing and does not remain as an exposure hazard in the final product.
Proprietary Substance	strength, toughness, chemical re-sistance, and lightweight performance	0.01-1%	None	OK				No hazards has been declared
Water								
water	7732-18-5	15-30%	None	OK				This substance is not hazardous and poses no health risk. It is consumed or bound during curing and does not remain as an exposure hazard in the final product.

* No GHS H-Statement classification

Comments:

WHS - Workplace Health and Safety
SHE - Safety Health and Environment