

PHD™

Product Health Declaration



PT. Sumatera Prima Fibreboard
 White Horse Engineering Panel - Engineering Panel Wood MDF and Melamine Faced MDF

White Horse Engineering Panel – Engineering Panel Wood MDF and Melamine Faced MDF is an engineered wood product designed for use in furniture, interior, and a range of industrial

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|--------------------------|---|
| Products/Ranges: | White Horse Engineering Panel - Engineering Panel Wood MDF and Melamine Faced MDF |
| Product Stages Assessed: | Manufacturing + In-Use |
| Product Type: | Panel Board |
| CSI Masterformat: | 06 05 73 |
| Licenced Site/s: | Sumatera Selatan |
| Licence Number: | PTS:SU01:2026:PH |
| Licence Date: | 10th February 2026 |
| Valid To: | 10th February 2027 |
| Standard: | GGT International v4.1 |
| Screening Date: | 30th October 2025 |
| PHD URL: | https://www.globalgreentag.com/certificate/3085 |



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|----------------------------------|-----------------------------|--------------------------|
| 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 5); Feature 11 (Part 5); meets IWBI® WELL® v2.0 as a Compliant Technical Document (Audited) for ~ X01 (Part 1); X07 (Part 2).
- Meets USGBC LEED® v4.0 and v4.1 Rating Tool Credit as a Compliant Technical Document (Audited) for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, and as Recognized for 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:

- substances used or created during the manufacturing process unless they remain in the final product; or
- 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 |




Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.




Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

| 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 |
|----------------------------------|---|--------------------------------|--|------------------|------------------------------|-----------------|--------------------------|--|
| Wood | | | | | | | | |
| Wood | FSC certified wood | 40-80% | None | OK | | | | FSC certified wood. Recycled Content: None Nanomaterials: Unknown |
| Wood | Indonesia's Sustainable Forest Management certification | 40-80% | None | OK | | | | Certified under Indonesia's Sustainable Forest Management certification scheme (PHL/PHPL), issued in accordance with the relevant regulations. This certification is an instrument implemented by the Indonesian government (Ministry of Environment and Forestry) to assess compliance and performance in forest and forest product management. Recycled Content: None Nanomaterials: Unknown |
| Wood | Indonesia's Sustainable Forest Management certification | 40-80% | None | OK | | | | Certified under Indonesia's Sustainable Forest Management certification scheme (PHL/PHPL), issued in accordance with the relevant regulations. This certification is an instrument implemented by the Indonesian government (Ministry of Environment and Forestry) to assess compliance and performance in forest and forest product management. Recycled Content: None Nanomaterials: Unknown |
| Melamine Urea Formaldehyde Resin | | | | | | | | |
| Urea, polymer with formaldehyde | 9011-05-6 | 20-30% | H315, H319, H335, H317 | OK | | | | This substance is hazardous to skin, eye and inhale. Risks during the manufacturing stage are mitigated through manufacturers OHS procedure. In use phase, since the substance is cured in the final product it does not have significant risks to end user. Recycled Content: None Nanomaterials: Unknown |
| Urea formaldehyde resin | | | | | | | | |
| Urea, polymer with formaldehyde | 9011-05-6 | 12-15% | H315, H319, H335, H317 | OK | | | | This substance is hazardous to skin and inhale. Risks during the manufacturing stage are mitigated through manufacturers OHS procedure. In use phase, since the substance is cured in the final product it does not have significant risks to end user. Recycled Content: None Nanomaterials: Unknown |
| formaldehyde | 50-00-0 | 0.01-0.05% | H350, H341, H331, H311, H301, H314, H317 | OK | | | | This substance is hazardous to skin and eye. Risks during the manufacturing stage are mitigated through manufacturers OHS procedure. In use phase, since the substance is cured in the final product it does not have significant risks to end user. Recycled Content: None Nanomaterials: Unknown |
| Water | 7732-18-5 | 7-15% | None | OK | | | | The substance is non hazardous Recycled Content: None Nanomaterials: Unknown |
| Emulsifier Wax | | | | | | | | |

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|--------------------------------------|-----------|------------|------|----|---|--|---|--|
| Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 0.01-0.05% | None | OK |  |  |  | The substance is non hazardous Recycled Content: None Nanomaterials: Unknown |
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Melamine Paper (FSC chain of custody paper)

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|---|-----------|----------|------------------------------------|----|---|--|---|--|
| 1,3,5-Tri-azine-2,4,6-triamine, polymer with formaldehyde | 9003-08-1 | 0.1-0.5% | H410, H412, H317, H315, H319, H334 | OK |  |  |  | This substance is hazardous to skin, eye and inhale. Risks during the manufacturing stage are mitigated through manufacturers OHS procedure. In use phase, since the substance is cured in the final product it does not have significant risks to end user. Recycled Content: None Nanomaterials: Unknown |
|---|-----------|----------|------------------------------------|----|---|--|---|--|

GHS Classification:

- H301: Acute Toxicity 3 (Oral)
- H311: Acute Toxicity 3 (Dermal)
- H314: Skin corrosion/irritation 1
- H315: Skin Irritation 2
- H317: Skin Sensitization 1
- H318: Eye irritation 1
- H319: Eye Irritation 2A
- H330: Acute Toxicity 2 (Inhalation)
- H331: Acute Toxicity 3 (Inhalation)
- H332: Acute Toxicity 4 (Inhalation)
- H334: Respiratory Sensitization 1
- H335: Specific Target Organ Toxicity, Single Exposure 3
- H341: Germ cell mutagenicity 2
- H350: Carcinogenicity 1
- H351: Carcinogenicity 2
- H373: Specific Target Organ Toxicity, Repeated Exposure 2
- H413: Aquatic Toxicity 4

Comments:

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