



## MJS Floor Coverings Polymer Engineering TFA

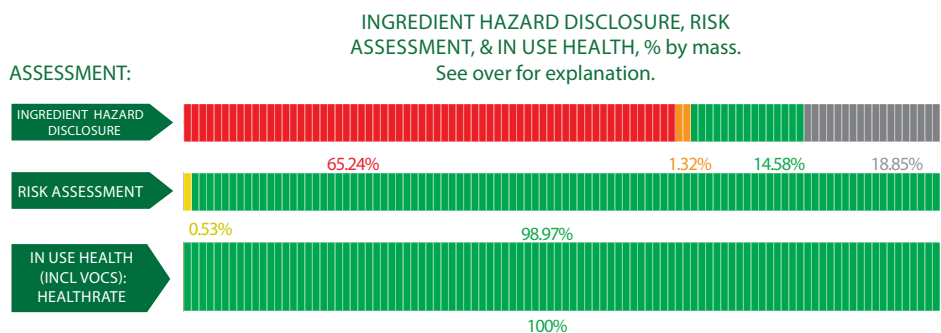
Polymer Engineering range of products have specifically formulated adhesives for applications such as timber flooring adhesives for bonding timber to concrete and wood substrates, waterproofing membranes that form a durable film on surfaces, and sealants used for joint sealing and filling.

Products/Ranges:	Multiple
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Adhesives
CSI Masterformat:	09 96 00
Licenced Site/s:	Victoria, Australia
Licence Number:	RLA:AD10:2025:PH
Licence Date:	06 March 2025
Valid To:	23 January 2026
Standard:	GGT International v4.1
Screening Date:	12 December 2024
PHD URL:	<a href="http://www.globalgreentag.com/certificate/2925/">www.globalgreentag.com/certificate/2925/</a>



<b>PHD Summary</b>	<b>Inventory Threshold:</b>	<b>Inventory Method:</b>
Percentage Assessed: <b>100%</b>	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL<sup>®</sup> & LEED<sup>®</sup> Material Transparency & Optimization credits included below:
- Meets IWBI<sup>®</sup> WELL<sup>®</sup> v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 1, 2, 3, 4, 5); Feature 25 (Part 2) , and, meets IWBI<sup>®</sup> WELL<sup>®</sup> v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X06 (Part 1); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED<sup>®</sup> 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.



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 Green Tag 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<sup>®</sup> v4.0 & v4.1, WELL<sup>®</sup> v1.0 & v2.0, Green Star<sup>®</sup>, 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
Methanol	67-56-1	15-30%	H225, H331, H311, H301, H370	OK				This substance is toxic if swallowed, is toxic in contact with skin or inhaled. It may causes damage to organs and is a highly flammable liquid and vapour. These risks can be mitigated with proper Occupational, Health and safety procedures. The manufacturing facility has OHS policies in place which includes use of PPE to reduce the risks. The substance is formed as byproduct of curing process. Once cured it is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown
Hybrid Polymer	Proprietary	15-30%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Limestone	1317-65-3	50-70%	H315, H318, H319, H335, H350, H372	OK				The unreacted substance may cause eye, sin or respiratory irritation. The hazard of this ingredient is more likely to happen during the manufacturing stage. When installing wood flooring with the adhesive, the workers are required to wear masks and gloves. The manufacturing facility has OHS policies and procedures in place which reduces the risks during manufacturing stage. The substance once incorporated into adhesives and cured are inert. In this state it is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown
Silicon dioxide	14808-60-7	0.01-1%	IARC 1	OK				The substance is carcinogenic to humans. In the manufacturing stage it is recommended to use protection equipments. The manufacturing facility has OHS policies in place which reduces the risks. The exposure of substance to end users are unlikely. Recycled Content: Unknown Nano Materials: Unknown
Stearic acid	57-11-4		None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Di-"isononyl" phthalate	28553-12-0	15-30%	None	OK				There are no identifiable risks associated with this substance in the final product. Recycled Content: Unknown Nano Materials: Unknown
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	68515-48-0	1-5%	None	OK				There are no identifiable risks associated with this substance in the final product. Recycled Content: Unknown Nano Materials: Unknown
ethenyl(trimethoxy) silane	2768-02-7	1-5%	H317	OK				The substance is suspected to be carcinogenic to humans. It may cause this substance causes serious eye, skin irritation or respiratory irritation and is toxic to aquatic life with long lasting effects. The manufacturing facility has OHS and EMS policies in place to reduces the risks. The adhesive once used to glue the wood flooring, is cured and is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown

N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	1-5%	H318, H317, H332, H373, H335	OK				The substance may cause eye damage, is harmful if inhaled. It may also cause an allergic skin reaction The manufacturing facility has OHS policies in place to reduce these risks during manufacturing stage. Recycled Content: Unknown Nano Materials: Unknown
Ethylenebis(oxyethylene) bis[3-(5-tert-butyl-4-hydroxy-m-tolyl)propionate]	36443-68-2	1-5%	H410	OK				This substance is very toxic to aquatic life with long lasting effects. The manufacturing facility has EMS policies in place to reduce the risks. The substance once cured is stable and is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown
Polymer	Proprietary	15-30%	None	OK				There are no identifiable risks associated with this substance Recycled Content: Unknown Nano Materials: None
Propane-1,2-diol, propoxylated	25322-69-4	15-30%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Diiron trioxide	1309-37-1	1-5%	IARC 3, H411	OK				The substance is suspected to be carcinogenic to humans. It may cause this substance causes serious eye, skin irritation or respiratory irritation and is toxic to aquatic life with long lasting effects. The manufacturing facility has OHS and EMS policies in place to reduce the risks. The adhesive once used to glue the wood flooring, is cured and is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown

GHS H-Statement classification

H225: Flammable Liquid, Category 2  
H301: Acute Toxicity – Oral, Category 3  
H311: Acute Toxicity – Dermal, Category 3  
H315: Skin Irritation 2  
H317: Skin Sensitisation, Category 1  
H318: Eye Damage 1  
H319: Eye Irritation 2  
H331: Acute Toxicity – Inhalation, Category 3  
H332: Acute Toxicity – Inhalation, Category 4  
H335: Specific target organ Single Exposure 3, Lungs/ Respiratory  
H350: Carcinogenicity 1B  
H370: Specific Target Organ Toxicity – Single Exposure, Category 1  
H372: Specific target organ repeated exposure  
H373: Specific Target Organ Toxicity – Repeated Exposure, Category 2  
H410: Aquatic Chronic, Category 1  
H411: Aquatic Chronic, Category 2

IARC classification:

IARC 1: Carcinogenic to humans  
IARC 3: Suspected to be Carcinogenic to humans

Comments:

The range of product includes:

Polymer Engineering TFA X3 - Timber Flooring Adhesive

Polymer Engineering TFA - Timber Flooring Adhesive

Polymer Engineering TFA X3 - Timber Flooring Adhesive :

VOC Emissions: TVOC emission g/l for the final product is <100g/l which is the Max TVOC content in g/l for ready to use product as per GBCA requirements. VOC test conducted as per ASTM D3690-05 Standard Practice for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings and is conducted by FORAY Laboratories ( NATA Accreditation 1231).