GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

MJS Floor Coverings

Polymer Engineering Adhesives

Polymer Engineering provides a range of flooring adhesives engineered for substrate adhesion. These formulations offer thermal and moisture resistance, and low VOC emissions. The products are used in residential, commercial, and high-traffic installations.

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:AD09:2025:PH
Licence Date:	06 March 2025
Valid To:	23 January 2026
Standard:	GGT International v4.1
Screening Date:	12 December 2024
PHD URL:	www.globalgreentag.com/certificate/2924/

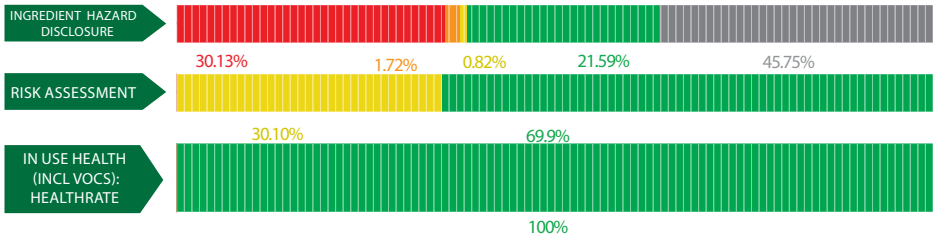
RLA POLYMERS

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 1, 2, 3, 4, 5); Feature 25 (Part 2) , and, meets IWBI ° WELL ° 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 ° 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 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 ® 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
reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one	55965-84-9	<0.01%	H330, H310, H301, H314, H318, H317, H400, H410	OK				The substance may cause eye or skin irritation. The manufacturing facility has OHS in place to reduce risks. The substance is cured after application. In this stage there are no identifiable risks associated with this substance for end users. Recycled Content: Unknown Nano Materials: Unknown
2-methylisothiazol-3(2H)-one	2682-20-4	<0.01%	H330, H311, H301, H314, H318, H317, H400, H410	OK				The unreacted substance is harmful if inhaled, is toxic if swallowed or in contact with skin, and to aquatic life with long lasting effects. The manufacturing facility has OHS policies and Environmental Management system in place to reduce the risks. The substance in the final product is cured and bounded to the matrix. In this stage it is less harmful to humans. Recycled Content: Unknown Nano Materials: Unknown
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	2634-33-5	<0.01%	H302, H315, H318, H317, H400	OK				The unreacted substance is harmful if inhaled, is toxic if swallowed or in contact with skin, and to aquatic life with long lasting effects. The manufacturing facility has OHS policies and Environmental Management system in place to reduce the risks. The substance in the final product is cured and bounded to the matrix. In this stage it is less harmful to humans. Recycled Content: Unknown Nano Materials: /Unknown
Biocide	Proprietary	30-50%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Acrylic Thickener	Proprietary	1-5%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Limestone	1317-65-3	30-50%	H315, H318, H319, H335, H350, H372	OK				The substance may cause eye damage, skin irritation and respiratory irritation. The manufacturing facility has OHS policies in place to mitigate the risks during manufacturing stage. The workers are recommended to use Health and Safety equipments like PPE during the installation stage. The substance once cured is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown
Water	7732-18-5	15-30%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Resin	Proprietary	5-15%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Cellulose, 2-hydroxypropyl methyl ether	9004-65-3	1-5%	H372	OK				The unreacted substance may cause damage to organs with repeated exposure. The manufacturing facility has OHS policies to reduce these risks. The substance is cured in the final product forms a stable film, which will reduce the exposure to end users. In this state it is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown

Sodium chloride	7647-14-5	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Glycerol, propoxylated	25791-96-2	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Glyoxal, ethanedial, 2-oxoethanal	107-22-2	0.01-1%	H341, H332, H315, H319, H317	OK				The substance may cause eye or skin irritation. The manufacturing facility has OHS and EMS policies in place to reduce the risks. There are no identifiable risks associated with this substance to the end user. Recycled Content: Unknown Nano Materials: Unknown
Gum Rosin	8050-09-7	1-5%	H317	OK				The unreacted substance may cause skin irritation. The substance is cured in the final product. In this stage it is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown
Solvent	64742-47-8	1-5%	H304	OK				This substance may be fatal if swallowed and enters airways.The manufacturing facility has OHS policies in place to mitigate the risks during manufacturing stage. The workers are recommended to use Health and Safety equipments like PPE during the installation stage. The substance is embedded in the final product. In tis stage it is less harmful to humans. Recycled Content: Unknown Nano Materials: Unknown
Clay	1302-87-0	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Biocide 2	Proprietary	0.01-1%	H318,H317,H412	OK				The unreacted substance may cause eye or skin irritation. The manufacturing facility has OHS and EMS policies in place to reduce the risks. There are no identifiable risks associated with this substance to the end user. Recycled Content: Unknown Nano Materials: Unknown
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5	1-5%	H319	OK				The unreacted substance may cause eye irritation. The manufacturing facility has OHS policies in place to reduce the risks. There are no identifiable risks associated with this substance to the end user. Recycled Content: Unknown Nano Materials: Unknown
Surfactant	166736-08-9	0.01-1%	H318, H302, H315, H412, H319	OK				The substance may cause eye or skin irritation. it is toxic to aquatic organisms.The manufacturing facility has OHS and EMS policies in place to reduce the risks.It is recommended to use safety equipments during application. The substance in cured and solidified after application. In this stage it is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown
Oleic acid, ethoxylated	9004-96-0	0.01-1%	H319, H315, H412, H302	OK				The substance may cause eye or skin irritation. it is toxic to aquatic organisms.The manufacturing facility has OHS and EMS policies in place to reduce the risks.It is recommended to use safety equipments during application. The substance in cured after application. In this stage it is less harmful to end users. Recycled Content: Unknown Nano Materials: Unknown

Dispersing agent	Proprietary	70-85%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown

GHS H-Statement classification
H302: Acute Toxicity Category 4- Oral
H314: Skin Corrosion 1B
H315: Skin Irritation 2
H317: Skin Sensitising 1
H318: Eye Damage 1
H319: Eye Irritation 2
H331: Acute Toxicity 3
H332: Acute Toxicity Category 4- Inhalation
H335: Specific target organ Single Exposure 3, Lungs/ Respiratory
H341: Suspected of causing genetic defects
H350: Carcinogenicity 1B
H373: Specific target organ repeated, Auditory system
H411: Aquatic Acute 1/ Aquatic Acute Chronic 2
H412: Aquatic Acute 1/ Aquatic Acute Chronic 3

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

Comments:
The certified product range includes:

Polymer Engineering HPA – Hard Set Plank Adhesive	Polymer Engineering TRP - Temperature Resistant Plank Adhesive
Polymer Engineering UFA- Universal Flooring Adhesive	Polymer Engineering CTA- Pressure Sensitive Adhesive

VOC Emissions: TVOC emission g/l for the final product is <50g/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 Laborateries (NATA Accreditation 1231).