GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

RLA Polymers Pty Ltd

Adhesive, Primer & WPM

RLA Polymers provides a quality range of Flooring Adhesive, Sealants, Primers, Water Proofing Membranes, Moisture Barriers and Levelling Compounds suitable for commercial and residential use.

Products/Ranges:	Multiple
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Adhesives, Finishes, Moisture Protection
CSI Masterformat:	09 65 00, 09 01 60, 07 10 00
Licenced Site/s:	Victoria, NSW, Australia and Shandong, China
Licence Number:	RLA:AD02:2025:PH
Licence Date:	23 January 2025
Valid To:	23 January 2026
Standard:	GGT International v4.1
Screening Date:	12 December 2024
PHD URL:	www.globalgreentag.com/certificate/2894/

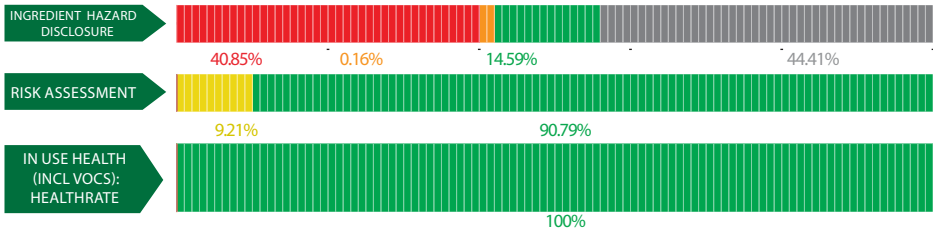
RLA POLYMERS

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

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
Isotridecanol, ethoxylated	9043-30-5	1-5%	H318, H302, H315, H319, H412, None, H411, H400, H226, H401, H227, H320, H335	OK				This substance is toxic to aquatic life with long lasting effects. It is harmful if swallowed and may also cause serious eye damage or skin irritation. The manufacturing facility has Health and Safety procedures and EMS in place to reduce these risks during the manufacturing stage. The substance is less toxic after drying, hence the risks to end users are minimised. It is recommended touse proper Safety equipments during the application time. Recycled Content: Unknown Nano Materials: Unknown
Paraffin oils, sulfochlorinated, saponified	68188-18-1	0.01-1%	H302, H412, H319, H361, H315	OK				This substance is harmful if swallowed. It may causes serious eye or skin irritation,and is harmful to aquatic life with long lasting effects. The manufacturing facility has Health and Safety procedures and EMS in place to reduce these risks during the manufacturing stage. It is recommended touse proper Safety equipments during the application time. The substance in the final product is iner after curing. Hence risks for end users are minimised. Recycled Content: Unknown Nano Materials: Unknown
Acrylic Copolymer	proprietary	85-100%	None declared	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Coalescing Agent	25265-77-4	1-5%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Defoamer	Proprietary	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Pigment	Proprietary	0-5%	H315, H318, H317,H412	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 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
Biocide 1	Proprietary	5-15%	H314, H318, H400, H410, H317	OK				The unreacted substance may cause eye or skin irritations. It is also toxic to aquatic organisms.The manufacturing facility has OHS and EMS policies in place to reduce these risks. The substance in the final product is less harmful after curing. Hence risks to end users are unlikely. The Recycled Content: Unknown

Biocide 2	9004-65-3	5-15%	H315, H318, H317, H410	OK				The unreacted substance may cause eye or skin irritations. It is also toxic to aquatic organisms.The manufacturing facility has OHS and EMS policies in place to reduce these risks. The substance in the final product is less harmful after curing. Hence risks to end users are unlikely. The Recycled Content: Unknown Nano Materials: Unknown
Titaniumdioxide	13463-67-7	50-70%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Blue Pigment	147-14-8	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Carbon Black	1333-86-4	0.01-1%	IARC 2B	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Fibres	9002-88-4	0.01-1%	H412, H335, H373, H315, H334, H319, H317	OK				The substance is suspected to be carcinogenic to humans. It may cause eye or skin issues and also harmful to the aquatic organisim. The manufacturing facility has OHS policies in place to mitigate the risks during manufacturing stage. The substance is embedded in the final product. Hence risks to end users are unikely. Recycled Content: Unknown Nano Materials: Unknown
Ammonia	Proprietary	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Plasticiser	111-76-2	0.01-1%	IARC 3, H331, H302, H315, H319	OK				This substance is toxic if inhaled, is harmful if swallowed. It may also cause skin or eye irritation.It is suspected to be carcinogenic to humansThe 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 cured in the final product. In this stage t is less harmful to humans. Recycled Content: Unknown Nano Materials: Unknown
Coalescing agent	25265-77-4	1-5%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Cellulose	9032-42-2	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Cellulose	Proprietary	0.01-1%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Thickner	Proprietary	0.01-1%	H317, H412	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Resin	Proprietary	15-30%	None declared	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Water	7732-18-5	5-15%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Synthetic polymer	Proprietary	5-15%	None declared	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown

Solvent	64742-47-8	5-15%	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
Acrylic thickner	Proprietary	1-5%	None declared	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown

GHS H-Statement classification
H226: Flammable liquid and vapor.
H227: Combustible liquid.
H302: Acute Toxicity Category 4- Oral
H304: Aspiration Hazard, Category 1
H314: Skin Corrosion 1B
H315: Skin Irritation 2
H317: Skin Sensitising 1
H318: Eye Damage 1
H319: Eye Irritation 2
H320: Eye Irritation, Category 2B
H331: Acute Toxicity 3- Inhalation
H334: Respiratory Sensitization, Category 1
H335: Specific target organ Single Exposure 3, Lungs/ Respiratory
H350: Carcinogenicity 1B
H361: Reproductive Toxicity 2
H373: Specific target organ repeated, Auditory system
H400: Aquatic Acute, Category 1
H401: Aquatic Acute, Category 2
H410: Aquatic Chronic, Category 1
H411: Aquatic Acute 1/ Aquatic Acute Chronic 2
H412: Aquatic Acute 1/ Aquatic Acute Chronic 3

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

Comments:
The certified product range includes:

R100 Roberts Carpet Adhesive	Roberts 48 Universal Primer	RLA WPM Membrane

Roberts 48 Universal Primer and R100 Roberts Carpet 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).

RLA WPM Membrane:
VOC Emissions: TVOC emission g/l for the final product is <250g/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).