



Gerflor the Flooring Group

Taralay Impression Acoustic

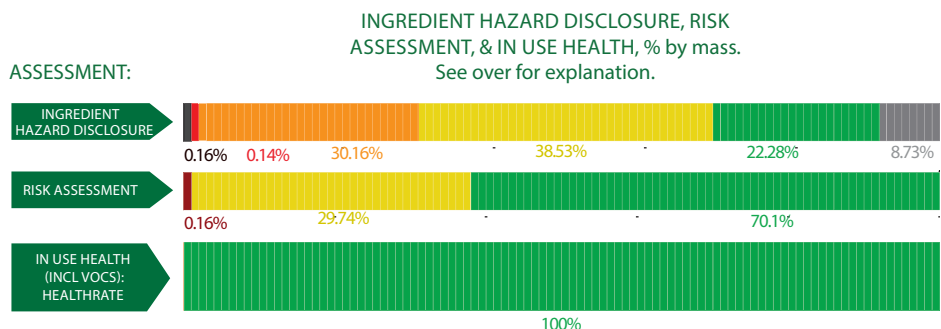
Gerflor's Taralay Impression Acoustic is a resilient, heterogenous floor covering suitable for high traffic areas. The surface is treated with ProtecSol®2, an exclusive Gerflor patented coating with resistance and performance obtained by UV laser cross-linking, resulting in easy maintenance.

Products/Ranges:	Taralay Impression Acoustic
Product Stages Assessed:	Whole of life + In-Use
Product Type:	Flooring
CSI Masterformat:	09 65 00
Licenced Site/s:	St Paul, France
Licence Number:	GER:RF05:2023:PH
Licence Date:	30 May 2023
Valid To:	30 May 2024
Standard:	GGT International v4.0
Screening Date:	6 April 2023
PHD URL:	https://www.globalgreentag.com/getfile/12268/phd.pdf



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 Green Star® 'Buildings v1.0' as Recognized for ~ Credit 9: Responsible Finishes
- 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 3); Feature 11 (Part 1); Feature 25 (Part 2, 3, 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); X05 (Part 1, 2); X06 (Part 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.
- Highly unlikely worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.



Declared by:
Global GreenTag
International Pty Ltd

David Baggs
CEO & Program Director
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 risk 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) rating relates ONLY to GGT Standard Sustainability Assessment Criteria 3, and is declared separately to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels.

1.2 Preparing a PHD

GGT PHDs are prepared using Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and as an outcome of a successful Application for 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 Personal Products Standard v1.0/1.1, and 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 Australian 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 & v2, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	Ideal- Low No concerns- ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context'
Yellow	Medium to Low Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context'
Orange	Moderate Hazardous ingredient with "Issue of Concern" or "Issue of Concern Minimised" depending on % of the ingredient, hazard level, and relevance to use context'
Red	Problematic (Red): Target for Phase Hazardous ingredient with 'Red Light" or "Red Light Minimised" concern depending on % of the ingredient, hazard level, and relevance to use context'
Dark Red	Very Problematic (Dark Red): Target for Phase Very Hazardous ingredient with 'Red Light Exclusion" concern depending on % of the ingredient, hazard level, and relevance to use context'
Grey	Uncategorised Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Petroleum, Parabens plus a wide range of compounds stipulated by cleaning/personal products standards.

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 Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Material: PVC resin								
Ethene, chloro-, homopolymer	9002-86-2	30-50%	H315 (Skin Irrit. 2) H319 (Eye Irrit. 2) H335 (STOT SE 3)	OK				The VCM residue in the PVC resin doesn't exceed 1ppm. PVC may cause skin and eye irritation. The substance is combined into the final product. Therefore, it is highly unlikely to cause harm to the end users. Recycled Content: None Nanomaterials: No
Proprietary	Additive	0-0.1%	*	OK				Unknown substance is used. However, as there is no hazard declared, it is highly unlikely to cause any harm to the end-user. Recycled Content: None Nanomaterials: Unknown
Material: DOTP								
Bis(2-ethylhexyl) terephthalate	6422-86-2	15-30%	*	OK				Recycled Content: None Nanomaterials: No
Proprietary	Additive	0-0.1%	*	OK				Unknown substance is used. However, as there is no hazard declared, it is highly unlikely to cause any harm to the end-user. Recycled Content: None Nanomaterials: Unknown
Material: Calcium Carbonate								
Calcium Carbonate	Filler	20-50%	H315 (Skin Irrit. 2), H319 (Eye Irrit. 2), H318 (Eye Dam. 1)	OK				The limestone even though has irritating characteristics, it is bound in the final product. This ingredient is highly unlikely to cause harm to the end-user. Recycled Content: None Nanomaterials: No
Proprietary	Additive	2-6%	*	OK				Unknown substance is used. However, as there is no hazard declared, it is highly unlikely to cause any harm to the end-user. Recycled Content: None Nanomaterials: Unknown
Material: Ca Zn mix								
Proprietary	Stabiliser	0.1-5%	*	OK				Unknown substance is used. However, as there is no hazard declared, it is highly unlikely to cause any harm to the end-user. Recycled Content: None Nanomaterials: Unknown
Material: Stabiliser								
Soybean oil, epoxidized	8013-07-8	0.5-5%	*	OK				Recycled Content: None Nanomaterials: No
Proprietary	Additive	2-6%	*	OK				Unknown substance is used. However, as there is no hazard declared, it is highly unlikely to cause any harm to the end-user. Recycled Content: None Nanomaterials: Unknown
Material: PU Solution								

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	Acrylic functional monomer	0.1-2%	*	OK				Recycled Content: None Nanomaterials: No
Oxybis(methyl-2,1-ethanediy) diacrylate	Reactive diluent	0.1-0.5%	H315 (Skin Irrit. 2), H317 (Skin Sens. 1), H318 (Eye Dam. 1)	OK				This substance as a raw ingredient can cause skin sensitization and eye damage if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low. Recycled Content: None Nanomaterials: No
OLIGOMERE URETHANE ACRYLATE	Additive	0.1-0.5%	H315 (Skin Irrit. 2) H319 (Eye Irrit. 2)	OK				This substance as a raw ingredient can cause skin and eye irritation if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low. Recycled Content: None Nanomaterials: No
Acrylate Resin	Acrylate Resin	0.1-0.5%	*	OK				Recycled Content: None Nanomaterials: No
Polymer	Polymer	0.1-0.5%	H319 (Eye Irrit 2), H317 (Skin Sens. 1)	OK				This substance as a raw ingredient can cause skin sensitization and eye irritation if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low. Recycled Content: None Nanomaterials: No
Additive	Additive	0.1-0.5%	H412 (Aquatic Chronic 3), H317 (Skin Sens. 1)	OK				This substance as a raw ingredient can cause skin sensitization if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low. Recycled Content: None Nanomaterials: No
Omnirad MBF	Photoinitiator	0.1-0.5%	H317 (Skin Sens. 1)	OK				This substance as a raw ingredient can cause skin sensitization if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low. Recycled Content: None Nanomaterials: No

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Polymerisable Acrylate Resin and Derivative	Polymerisable Acrylate Resin and Derivative	0.01-0.1%	H302 (Acute Tox. 4), H411 (Aquatic Chronic 2), H318 (Eye Dam. 1), H315 (Skin Irrit. 2), H317 (Skin Sens. 1)	OK				<p>This substance as a raw ingredient can cause skin sensitization and eye damage if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low.</p> <p>Recycled Content: None Nanomaterials: No</p>
2-hydroxy-2-methyl-propiofenone	Photoinitiator	0.01-0.1%	H317 (Skin Sens. 1)	OK				<p>This substance as a raw ingredient can cause skin sensitization if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low.</p> <p>Recycled Content: None Nanomaterials: No</p>
Trifunctional monomer	Monomer	0.01-0.1%	H315 (Skin Irrit. 2), H319 (Eye Irrit. 2), H317 (Skin Sens. 1)	OK				<p>This substance as a raw ingredient can cause skin sensitization and eye irritation if workers are exposed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low.</p> <p>Recycled Content: None Nanomaterials: No</p>
Acrylic acid	Acrylic acid	0.01-0.1%	H226 (Flam. Liq. 3), H400 (Aquatic Acute 1), H314 (Skin Corr. 1A), H312 (Acute Tox. 4)	OK				<p>This substance as a raw ingredient can cause destruction of skin tissue if workers are exposed. It is harmful if swallowed. The factory's OHS conditions and GGTI safety review indicates exposure is unlikely. The substance reacts during the curing of the varnish and the finished product is highly unlikely to contain the unreacted substance. The risks to harm the end-users are extremely low.</p> <p>Recycled Content: None Nanomaterials: No</p>
Material: Pigment								
Titanium dioxide	13463-67-7	0.1-2%	H351 (Carc. 2)	OK				<p>Titanium dioxide can be harmful when it is inhaled, and it is classified a possibly carcinogenic to humans. However, as the substance is encapsulated in the product, the hazards will not be present in the final product. Therefore, it is highly unlikely to cause harm to the users.</p> <p>Recycled Content: None Nanomaterials: No</p>
Proprietary	Additive	0.1-2%	*	OK				<p>Unknown substance is used. However, as there is no hazard declared, it is highly unlikely to cause any harm to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Material: Non-woven glass fibre								
Proprietary	Additive	0.1-2%	*	OK				<p>Unknown substance is used. However, as there is no hazard declared, it is highly unlikely to cause any harm to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Material: Ink								
Ethanol	Solvent	1-5%	H225 (Flam. Liq.2)	OK				Recycled Content: None Nanomaterials: No
Material: Azodicarbonamide Genitron LE								
Zinc oxide	1314-13-2	0.01-0.1%	H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	OK				Recycled Content: None Nanomaterials: No
C,C'-azodi(formamide)	123-77-3	0.01-0.2%	H334 (Resp. Sens. 1)	OK				Although the substance is a banned substance by GreenTag Internal Standard v4.0, the substance is a process chemical and the risk of respiratory sensitization is applicable to the manufacturing process only. Gerflor declares that they use specific aspiration and close the lid of the equipment after introduction of the substance thus controlling and removing the potential risk of powder inhalation. Gerflor has OHS policy in place. The test report shows that ADCA is not detected in the final product. The substance is highly unlikely to cause any harm to the end-user. Recycled Content: None Nanomaterials: No

* No GHS H-Statement classification

VOC emissions: Global GreenTag International Program Standard v4.0. Formaldehyde Content Supplementary Standard in accordance with requirements of the Green Building Council of Australia and LEED v4., as updated from time to time.

VOC content: TVOC Emissions is < 0.5 mg/m2hr (24 Hours) measured using test method for ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products" at CETEC. Test approved by CETEC in December 2010.