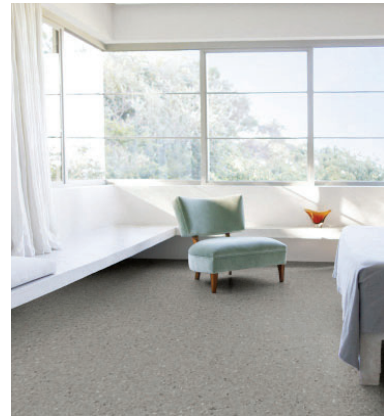




Tarkett Australia Pty Ltd HO Range

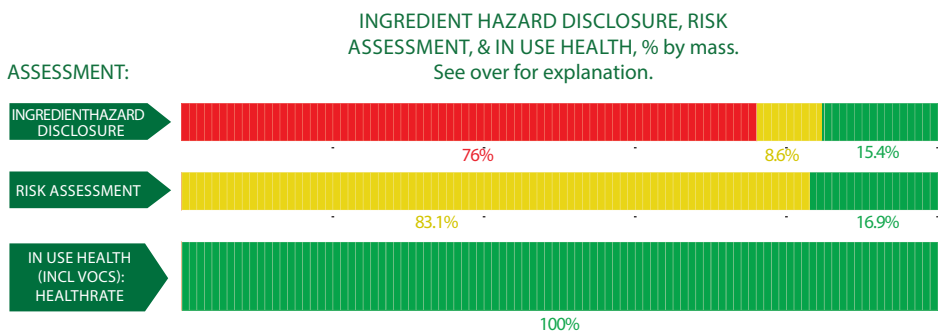
Tarkett's homogenous vinyl range flooring are show durability and low maintenance properties. They are ideal for heavy and very heavy traffic areas such as education and healthcare. These products are in the highest wear category, Class T, manufactured with high-quality raw materials and reinforced with PUR technology. These homogenous vinyl flooring products have improved resistance to scratches, abrasions and stains as well as strength and flexibility. They are composed of a single layer of homogenous vinyl glued to the sub-floor and welded for optimal performance.

| | |
|--------------------------|---|
| Products/Ranges: | HO Range |
| Product Stages Assessed: | Material Inputs, manufacturing, in-use |
| Product Type: | Flooring product |
| CSI Masterformat: | TBC |
| Licenced Site/s: | Ronneby, Sweden |
| Licence Number: | TAR:HO01:2022:PH |
| Licence Date: | 8th March 2022 |
| Valid To: | 8th March 2024 |
| Standard: | GGT International v4.0 |
| Screening Date: | 23 February 2022 |
| PHD URL: | https://www.globalgreentag.com/getfile/12823/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' ~ 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); 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 2); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED® v4.0 and v4.1 Rating Tool Credit, 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 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 an 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 GGT International Standard v4.0, 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 |
|---|------------------------|--------------------------------|---|------------------|-----------------------|--------------------------|--------------------------|--|
| PVC- Paste | 9002-86-2 | 40-65% | H315(Skin Irrit. 2) H319(Eye Irrit. 2) H335(STOT SE 3) H400(Aquatic Acute 1) H412(Aquatic Chronic 3) | OK | | | | PVC- Paste is toxic to aquatic life with long lasting effects. It causes skin and eye irritation in humans. However, the manufacturer of the product operates under an Environmental Management System and an Occupational Health and Safety System, therefore the risk is considered low. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |
| PVC Recycled materials | Base materials | 10-20% | None | OK | | | | Recycled Content: Post-I Nanomaterials: No |
| i-isononyl-cyclohexane-1,2-dicarboxylate | 166412-78-8 | 10-20% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Triglyceride (bio-sourced plasticiser) - Glycerides, castor-oil-mono-, hydrogenated, acetates | 736150-63-3 | 10-15% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Ca-Zn soap | Stabiliser | 0.5-1.5% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Epoxidised soybean oil | 8013-07-08 | 1-10% | H317(Skin Sens 1) | OK | | | | Epoxidised soybean oil can cause skin irritation if contacted. However, the manufacturer has an Occupational Health and Safety System in place, so the risks are considered low in the manufacturing stage. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |
| Limestone (fine) | 1317-65-3 | 10-40% | H315(Skin Irrit. 2) H318(Eye Dam. 1) H319(Eye Irrit. 2) H350(Carc. 1B) H372(TOT RE 1) H335(TOT SE 3) | OK | | | | Limestone (fine) can cause skin and eye irritation and may cause cancer if contacted. However, the manufacturer has an Occupational Health and Safety System in place, so the risks are considered low in the manufacturing stage. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |
| PU Lacquer | Coating | 0.5-1.5% | H317(Skin Sens 1) | OK | | | | PU Lacquer can cause skin irritation if contacted. However, the manufacturer has an Occupational Health and Safety System in place, so the risks are considered low in the manufacturing stage. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |

| | | | | | | | | |
|--|------------|----------|---|----|--|--|--|--|
| Water-bound coating | Coating | 0.5-1.5% | H412(Aq Chron 3) | OK | | | | The coating is toxic to aquatic life with long lasting effects. However, the manufacturer of the product operates under an Environmental Management System therefore the risk is considered low. The substance is embedded into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users |
| Titanium dioxide | 13463-67-7 | <1% | H351(Carc 2) | OK | | | | The Titanium dioxide may cause cancer if contacted. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. The substance is chemically embedded into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |
| CI Pigment Black 7 | 1333-86-4 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Red 144 | 5280-78-4 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Red 122 | 980-26-7 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Red 166 | 3905-19-9 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Violet 37 | 57971-98-9 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Blue 15:3 | 147-14-8 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Blue 15:1 | 12239-87-1 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Yellow 95 | 5280-80-8 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Yellow 110 | 5590-18-1 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Yellow 93 | 5580-57-4 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Green 7 | 1328-53-6 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| CI Pigment Yellow 83 | 5567-15-7 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| 4'-chloro-2',5'-dimethoxyacetanilide | 4433-79-8 | <1% | H302(Acute Tox. 4) H412(Aquatic Chronic) | OK | | | | 4'-chloro-2',5'-dimethoxyacetanilide is harmful if swallowed and is harmful to aquatic life with long lasting effects. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. The substance is chemically embedded into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |
| CI Blue 29 | 57455-37-5 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Pigment Violet 19 | 1047-16-1 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| 5,12-dihydro-2,9-dimethylquino[2,3-b]acridine-7,14-dione | 980-26-7 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |

| | | | | | | | | |
|--|------------|----------|--|----|--|--|--|--|
| Mica | 12001-26-2 | <1% | H315(Skin Irrit. 2) H319(Eye Irrit. 2) H373(STOT RE 2) H372(TOT RE 1) H335(TOT SE 3) | OK | | | | Mica causes damage to organs through prolonged or repeated exposure, causes serious eye irritation, may cause respiratory irritation and causes skin irritation. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. The substance is chemically embedded into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |
| 8,18-dichloro-5,15-diethyl-5,15-dihydroindolo[3,2-b:3'2'-m]triphenodioxazine | 6358-30-1 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| 2,5-thiophenediylbis(5-tert-butyl-1,3-benzoxazole | 7128-64-5 | 0.5-1.5% | H411(Aquatic Chronic 2) H413(Aquatic Chronic 4) | OK | | | | 2,5-thiophenediylbis(5-tert-butyl-1,3-benzoxazole is toxic to aquatic life with long lasting effects. However, the manufacturer of the product operates under and Environmental Management System therefore the risk is considered low. The substance is embedded into the final product, the hazards will not present in the final product. Therefore, it is not expected to cause harm to the users. |
| C.I Red 254 | 84632-65-5 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Polychloro copper phthalocyanine | 1328-53-6 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| 2,9-bis[4-(phenylazo)phenyl]anthra[2,1,9-def:6,5,10-d'ef']diisoquinoline-1,3,8,10(2H,9H)-tetrone | 3049-71-6 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Polymer | Pigment | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Polymer | Pigment | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Polymer | Pigment | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Ploymer | Pigment | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |
| Tin Oxide | 18282-10-5 | <1% | None | OK | | | | Recycled Content: None Nanomaterials: No |

COMMENTS:

VOC Emissions : Sum of VOC (TVOC) was below or equal to the limit values of 100ug/m3 after 28 days. The product qualified for the Tarkett Indoor Air Quality Gold label.(Eurofins Certification Body VOC).

HO Range Products include: iQ Granit, Granit Multisafe, Granit Safe T, Granit SD, iQ Eminent, iQ Megalit, iQ Optima, Optima Mutlisafe, iQ Surface, IQ Natural, Eclipse Premium, Primo Premium, Primo SD, Primo SafeT, iQ Toro, Standard Plus 1.5, Standard Plus 2.0.