



Armstrong Flooring Pty Ltd Fitnice

Products/Ranges: Fitnice*
Product Stages Assessed: Raw materials, manufacturing, use
Licensed Site/s: Barcelona, Spain
Licence Number: AWF-014-v1-2019
Licence Date: 25th March 2019
Valid To: 25th March 2022
Standard: GGT International v4.0
Assessment Year: 2019



This PhD ceases currency when original GreenTag GreenRate/LCARate certification expires or is revoked. Please check www.globalgreentag.com for currency.

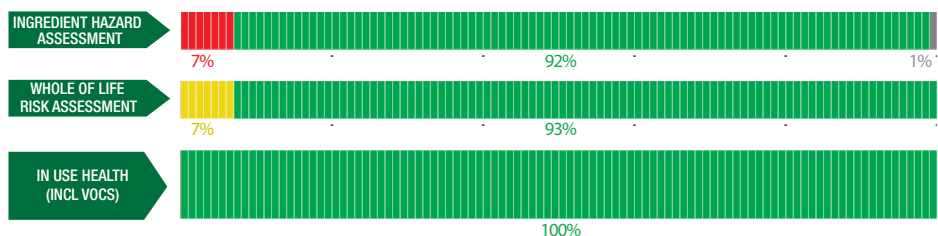
The Global GreenTag Product Health Declaration has been designed to provide an additional level of service to the green product sector in facilitating an easier industry understanding of both the health hazard and risk (if any) associated with any certified product/s.

*Two recipes for Fitnice were assessed, referred to as recipe A and recipe B.

PhD Summary	100%	Declaration Limit:	100ppm
Percentage Assessed:			

- GreenTag Banned List Compliant
- Meets Indoor Air Quality VOC emission requirements, for Green Star, LEED & BREEAM
- Contributes towards satisfying Feature 04 VOC Reduction Part 3 Flooring, Feature 26 Enhanced Material Safety Part 1 Precautionary Material Selection, and Feature 97 Material Transparency Part 1 Material Information, under the WELL Building Standard™
- Low WORKER exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Low USER exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Low ENVIRONMENTAL exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors

MANUFACTURING, IN USE, & END OF LIFE STAGES
% by mass. See over for explanation.



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 each homogeneous ingredient 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;
- HealthRate level that reflects risks associated with the product in-use.

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 in use risk assessment based on 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, and Cleaning Products Standard v1.0 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, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	Ideal- Low No Comment required
Yellow	Medium to Low No Comment, or 'Issue of Concern' required depending on % of ingredient.
Orange	Moderate 'Issue of Concern'.
Red	Problematic (Red): Target for Phase 'Red Light' Comment.
Grey	Uncategorised Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients POPs, SVHCs plus a wide range of compounds depending on specific Standard requirements

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	GHS, IARC and Endocrine Category	Ingredient Assessment (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Function: Backing					
PVC	IARC Cat. 3	<85%			PVC is not classifiable as carcinogenic to humans. Best Practice PVC certification ensures that the concentration of the monomer in the PVC resin does not exceed 1ppm. The product has also received SCS FloorScore certification for low VOC emissions.
Additives	None declared	<1%			None
Function: Yarn base material					
Polyethylene	IARC Cat. 3	<8%			Polyethylene is not classifiable as carcinogenic to humans.
Additives	None declared	<1%			None

Function: Yarn base material					
PVC resin	IARC Cat. 3				PVC is not classifiable as carcinogenic to humans. Best Practice PVC certification ensures that the concentration of the monomer in the PVC resin does not exceed 1ppm. The product has also received SCS FloorScore certification for low VOC emissions.
Additives	None declared				None
Function: Plasticicer (only present in recipe A)					
Diocetyl terephthalate (DOTP)	Not Classified				None
Function: Plasticicer (only present in recipe B)					
2-Ethylhexyl diphenyl phosphate (DPO)	Aquatic Acute 1, Aquatic Chronic 1				The unreacted substances used in this plasticiser is very toxic to aquatic life with long-lasting effects. The manufacturer of the flooring operates under an Environmental Management System and therefore risks are considered low at the manufacturing stage.
Triphenyl phosphate	Aquatic Acute 1, Aquatic Chronic 1				
Additives	None declared				None
Function: Plasticicer					
Soybean Oil (ESBO)	Not Classified				None
Function: Filler (only present in recipe A)					
Calcium Carbonate	Not Classified				None
Stearic Acid	Eye Irrit 2, Skin irrit 2				Once reacted in the product, this substance is not expected to cause harm for the user. This substance is irritating to eyes and skin. The manufacturer of the flooring operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage.
Quartz	Not Classified				None
Function: Stabiliser					
Paraffin waxes and Hydrocarbon waxes	Not Classified				None
Additives	None declared				None
Function: Stabiliser (only present in recipe B)					
Stabiliser	None declared				None
Function: Lubricant					
Polyethylene wax	None declared				None
Function: Lubricant (only present in recipe A)					
Calcium Stearate	None declared				None
Function: Flame Retardant (only present in recipe A)					
Zinc Hydroxystannate	Not Classified				None
Additives	None declared				None

Function: Flame Retardant (only present in recipe A)					
Zinc Borate	Repr 2, Aquatic acute 1, Aquatic chronic 2	<1%			Once reacted in the product, this substance is not expected to cause harm for the user. The unreacted substance used in this flame retardant is suspected of damaging the unborn child. It is very toxic to aquatic life with long-lasting effects. The manufacturer of the flooring operates under an Occupational Health and Safety System and an Environmental Management System and therefore risks are considered low at the manufacturing stage.
Additives	None declared	<0.01%			None
Function: UV Filter					
Octabenzene	Skin Sens 1B, Aquatic Chronic 3, Aquatic Chronic 4	<0.2%			Once reacted in the product, this substance is not expected to cause harm for the user. The unreacted substance used in this UV protection may cause an allergic skin reaction and may cause long-lasting harmful effects to aquatic life. The manufacturer of the flooring operates under an Occupational Health and Safety System and an Environmental Management System and therefore risks are considered low at the manufacturing stage.
Additives	None declared	<0.02%			None
Function: UV Filter					
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	Aquatic Chronic 2, Eye Irrit 2, Eye Dam 1, Skin Irrit 2, Aquatic Acute 1	<0.1%			Once reacted in the product, this substance is not expected to cause harm for the user. The unreacted substance used in this UV protection may cause an allergic skin reaction and may cause long-lasting harmful effects to aquatic life. The manufacturer of the flooring operates under an Occupational Health and Safety System and an Environmental Management System and therefore risks are considered low at the manufacturing stage.
Additives	None declared	<0.01%			None
Function: Colourant					
Diocetyl Adipate	IARC Cat. 3	<0.5%			Diocetyl Adipate is not classifiable as carcinogenic to humans.
Vinyl acetate	IARC Cat. 2B, Flam Liq 2, Carc 2, STOT SE 3, Acute Tox 4	<0.5%			Once reacted in the product, this substance is not expected to cause harm for the user. Part of the ingredients of this product is not classifiable as carcinogenic to humans. Another unreacted substance used in this colourant is suspected of causing cancer, is harmful if inhaled and may cause respiratory irritation. The manufacturer of the flooring operates under an Occupational Health and Safety System and an Environmental Management System and therefore risks are considered low at the manufacturing stage.
Pigments and additives	None declared	<0.5%			None

Comments: The product has received SCS FloorScore certification for low VOC emissions.