



GAT Technologies

# Korogard® 500

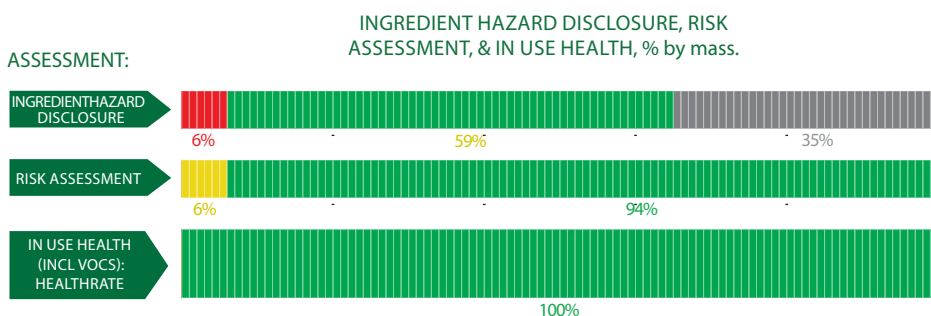
Korogard is a full line of wall and door protection solutions including high-impact wall sheets, high-impact door kickplates, door frame protection, corner guards, crash & handrail for applications in healthcare, education, hospitality, corporate, retail, and more. Korogard offers an extensive product line with a variety of colours, finishes, and materials to maintain the beauty and style of a designer's vision for years to come.

**Products/Ranges:** Korogard® 500  
**Product Stages Assessed:** Whole of life + in-use  
**CSI Masterformat:** GAT:KO01:2021:PH  
**Licensed Site/s:** Victoria, Australia  
**Licence Number:** GAT:GA01:2021:PH  
**Licence Date:** 11th October 2021  
**Valid To:** 11th October 2023  
**Standard:** GGT International v4.0  
**Screening Date:** 30th March 2023  
**PHD URL:** <https://www.globalgreentag.com/getfile/13204/phd.pdf>



<b>PHD Summary</b>	<b>Inventory Threshold:</b>	<b>Inventory Method:</b>
Percentage Assessed: <b>100%</b>	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- Meets "Green Cleaning" requirements for Green Star®.
- 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 5); Feature 11 (Part 1), 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); 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 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;

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) 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 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' or 'Red Light' Comment depending on % of ingredient.
Red	Problematic (Red): Target for Phase 'Issue of Concern' or 'Red Light' Comment depending on % of ingredient.
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	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Polyvinyl Chloride	9002-86-2	60-100%	IARC3, H315, H319, H335				<p>The unreacted substance can cause skin, eye, and respiratory tract irritation. The Manufacture has OHS in place.</p> <p>In use, the substance poses no risk of exposure to the end-user.</p> <p>The substance is cured and embedded inside the final product. The chance of it being released under normal conditions is non-existent.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Acrylic polymers	Impact Modifier	10-30%	None declared				<p>No Hazard Declared</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Organic waxes	Processing Aid	1-5%	None declared				<p>No Hazard Declared</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4,4-dimethyl-7-oxo-, 2-ethylhexyl ester	57583-35-4	0.1-5%	H302, H317, H372, H361				<p>The substance is harmful if swallowed, skin sensitizing, may cause organ damage, and is suspected of damaging fertility. Manufacture Has OHS in place and PPE is required while handling the substance. Manufacture is ISO9001 and ISO14001 Certified. The manufacturing process requires no human contact and is dispersed into the mixing processor by an automated system.</p> <p>In use, the end-user is unlikely to be exposed to the hazard.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Stannane, methyl-tris(2-ethylhexyloxy-carbonylmethylthio)-	57583-34-3	0.1-2%	H361				<p>The substance is suspected of damaging fertility. The manufacturing process requires no human contact and is dispersed into the mixing processor by an automated system. recommended PPE is worn during all manufacturing processes to minimize any and all human contact.</p> <p>In use, the substance is cured and embedded inside the final product.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

**Notes:**

H302: Acute Tox. 4  
H315: Skin Irrit. 2  
H317: Skin Sens 1A  
H319: Eye Irrit. 2  
H335: STOT SE 3  
H361: Repr. 2  
H372: STOT RE 1  
IARC3: Not classifiable as to its carcinogenicity to humans

**Comments:**

VOC emissions: The product is GREENGUARD Gold certified (low chemical emissions).  
TVOC: 0.22 mg/m3