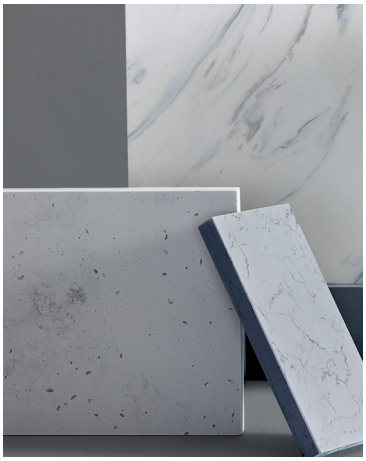
PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Scott Group

Silksurface Standard/ Deluxe series

SilkSurface Standard /Deluxe series benchtop is an artificial stone made of bauxite and polyester binder which is resistant to stains. SilkSurface infinity series products comes with a 10 year warranty period.



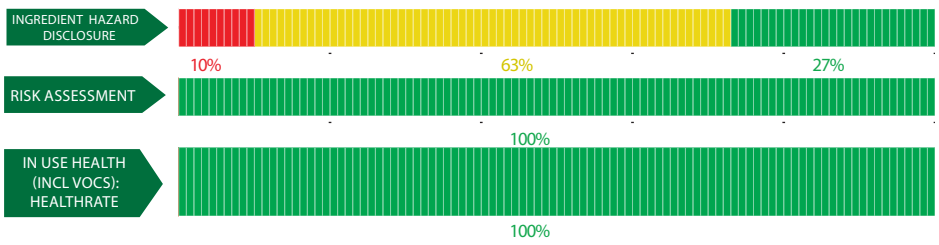
Products/Ranges:	Multiple products - see comments
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Kitchen Countertops
CSI Masterformat:	12 36 00
Licenced Site/s:	Guangdong, China
Licence Number:	SCO:GU02:2024:PH
Licence Date:	01 July 2024
Valid To:	01 July 2026
Standard:	GGT International v4.1
Screening Date:	01 July 2024
PHD URL:	www.globalgreentag.com/certificate/2788

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), and meets IWBI ® WELL ® v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as Compliant Technical Document (Audited) for 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

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclo-sure	Risk Assess-ment	In Use Health Assess-ment	Comment
Material: Resin								
Unsaturated polyester	26123-45-5	15-30%	None	OK				No identifiable risks associated with this substance Recycled Content:Unknown Nano Materials: Unknown
Styrene	100-42-5	5-15%	IARC 2A, H226 , H361d , H332 , H372 (hearing organs),H412 , H315 , H319	OK				The unreacted liquid substance is carcinogenic and may cause damage to organs and aquatic organisims through repeated exposure. It may also cause eye, skin or respiratory irritation. The health and safety procedures reduces the risks during the manufacturing stage.Workers requires safety precautions including PPE to limit exposure. Manufacturing facility have OHS in place and the Tier 1 Suppli-er is ISO 14001:2015 certified. In use phase, the substance cross links with unsaturated polyester monomers and is cured in the final product which reduces the risk to end user which is a benchtop. Recycled Content:Unknown Nano Materials: Unknown
Material: ATH								
Aluminum hydroxide	21645-51-2	50-70%	H315, H319, H335	OK				The unreacted substance may cause eye or skin irritation, also may damage organs. The health and safety procedures reduces the risks during the manufactur-ing stage.Workers requires safety precau-tions including PPE to limit exposure. Manufacturing facility has OHS in place and the Tier 1 Supplier is ISO 14001:2015, ISO 45001 & ISO 9001 certified showing the Environmental Management system and Health and Safety policies are in place, which reduces the risks . In use phase, the substance inert and embedded in the final product.Hence, no identifiable risk to end user. Recycled Content:Unknown Nano Materials: Unknown
Water	7732-18-5	5-15%	None	OK				Recycled Content:Unknown Nano Materials: Unknown
sodium hydroxide; caustic soda	1310-73-2	0.01-1%	H314	OK				The substance may cause skin burns and eye damage in the manufacturing phase. The health and safety procedures reduces the risks during the manufacturing stage. Manufacturing facility has OHS in place and Tier 1 Supplier is ISO 14001:2015, ISO 45001 & ISO 9001 certified, with these risks are mitigated. In use phase, the substance after chemi-cal reaction is balanced, and is hardened and embedded in final product which reduces the risk to end user. Recycled Content:Unknown Nano Materials: Unknown
Curing Agent								

methyl ethyl ketone peroxide	1338-23-4	0.01-1%	H302, H314, H242, H318, None, H241, H330, H203, H332, H302, H332, H318, H242, H314	OK				The substance in the manufacturing phase causes severe skin burns and eye damage, is harmful if swallowed or inhaled, if heated may cause fire and may cause respiratory irritation. These risks are mitigated with OHS and EMS policies and procedures, in place. Manufacturing facility has OHS in place and the Tier 1 Supplier is ISO 14001:2015, ISO 45001 certified. In use phase, this substance reacts with resin and is embedded in the final product. In this state it is harmless to humans. Recycled Content:Unknown Nano Materials: Unknown
Hydrogen peroxide	7722-84-1	0.01-1%	IARC 3, H271 , H332 , H302 , H314	OK				The substance in the manufacturing phase causes severe skin burns and eye damage, is harmful if swallowed or inhaled. These risks are mitigated with the manufacturing facility has OHS policies and procedures, in place. In use phase, this substance after chemical reaction is hydrolytically stable and is embedded in the final product. In this state it is harmless to humans. Recycled Content:Unknown Nano Materials: Unknown
2,2' -oxybisethanol; diethylene glycol	111-46-6	0.01-1%	H302	OK				The substance is harmful if swallowed. These risks during manufacturing phase are mitigated with the implementation of occupational health & safety policies in the manufacturing facility. In use phase, the substance is embedded in the final product.Hence there is no identifiable risk to end user. Recycled Content:Unknown Nano Materials: Unknown
Dimethyl phthalate	131-11-3	0.01-1%	None	OK				The unreacted substance may cause eye irritation. Recycled Content:Unknown Nano Materials: Unknown
butanone; ethyl methyl ketone	78-93-3	0.01-1%	Endocrine Disruptor 2, H225 , H336 , H319"	OK				The unreacted substance is a highly flammable liquid and vapour, causes serious eye irritation and may cause drowsiness or dizziness.These risks in manufacturing phase are mitigated with manufacturing facilitie's Occupational health & safety policies. In use phase, the substance is embedded in the final product. In this state it is harmless to humans Recycled Content:Unknown Nano Materials: Unknown
Colour Pigment								
Titanium dioxide	13463-67-7	0.01-1%	(IARC 2B, H351 (Inhalation)	OK				The unreacted substance is suspected to be carcinogenic and is hazardous if inhaled. The manufacturing facility has OHS in place and the Tier 1 Supplier is ISO 14001:2015 certified. This reduces the risks during manufacturing phase. In use phase, the substance is hardened and embedded in the final product minimising risks to end user. Recycled Content:Unknown Nano Materials: Unknown

GHS Classification
H203: Risk of explosion
H225: Flammable liquids 2
H241: Heating may cause fire
H242: Heating may cause fire

H226: Flammable liquid
H302: Acute Toxicity 4
H314: Skin corrosion 1B
H315:Skin corrosion/ irritation 2
H318: Eye damage 1
H319: Serious eye damage 2A
H332: Acute toxicity, inhalation4
H335: Specific target organ toxicity, single exposure; respiratory tract irritation
H336: Specific target organ toxicity, single exposure; Narcotic effect 3
H351: Carcinogenicity 2
H361: Reproductive toxicity 2
H372: Specific target organ toxicity, repeated exposure
H412: Hazardous to aquatic environment, long term hazard 3

IARC Classification:
IARC 2A: Probably carcinogenic to human
IARC 2B: Possibly carcinogenic to human
IARC 3: Not classifiable to humans

Comments: Range of products

Standard Series	Artic white, Blanca Granite, Stardust, White Crystal Boulder, Silversnow, Sandora
Deluxe series	Bianco Pearl, calcutta Snow, carrara, Cobblonite, Grigio Stone, Lapis Salt, Moonstone, Organica