GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Novatech International NV
X-Tack

X-Tack is a tack instant grab MS Polymer adhesive. X-Tack maintains control of assemblies without the need for clamps, screws, or temporary supports while curing. X-Tack is free from phthalates, solvents, isocyanates, does not damage synthetic materials and is odourless. X-Tack can be used on common building materials and in a wide range of applications. X-Tack remains permanently elastic making it vibration, impact, and shock resistant. 100% waterproof assembly which is also bacteria, fungus, UV resistant and paintable.

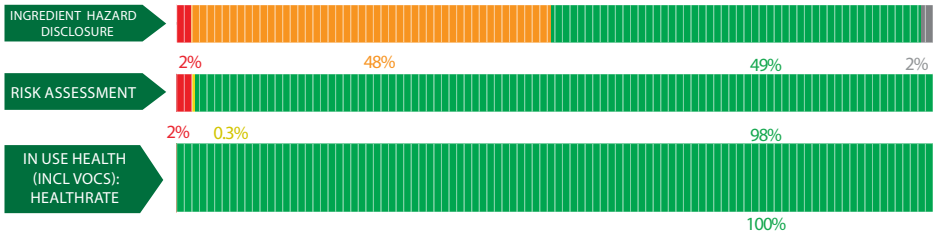
Products/Ranges:	X-Tack
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Adhesive and Sealant
CSI Masterformat:	TBC
Licenced Site/s:	Olen, Belgium
Licence Number:	NOI:XT01:2025:PHD
Licence Date:	29th March 2022
Valid To:	29th March 2026
Standard:	GGT International v4.1
Screening Date:	28th August 2025
PHD URL:	http://www.globalgreentag.com/certificate/1639/

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); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 2); 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 1); 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 Disclosure	Risk Assessment	In Use Health Assessment	Comment
Propane-1,2-diol, propoxylated	MS Polymer	20-50%	None	OK				Recycled Content: None Nanomaterials: No
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C13-15-branched and linear alkyl esters	Antioxidant	0.01-1%	H413(Aq Chronic 4)	OK				This substance may cause long lasting harmful effects to aquatic life. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
Reaction mass of 5,8,11,14-Tetraoxaoctadecane and 5,8,11,14,17-Pentaoxaheneicosane	Plasticizer	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Micronized wax								
Polyamide wax	Wax	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Proprietary Substance	Wax	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Adhesive promoter								
N-(3-(trimethoxysilyl) propyl)ethylenediamine	1760-24-3	0.01-1%	H318(Eye Dam. 1) H317 (Skin Irrit 1) H332(Acute Tox. 4) H373(STOT RE 2) H335 (STOT RE 3)	OK				This substance causes serious eye damage, is harmful if inhaled, may cause damage to organs through prolonged or repeated exposure, may cause an allergic skin reaction and may cause respiratory 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. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
N,N'-bis[3-(trimethoxysilyl)propyl]ethylenediamine	68845-16-9	0.01-1%	H318(Eye Dam. 1) H315(Skin Irri. 2) H317 (Skin Irrit 1) H319(Eye Irri. 2A) H335 (STOT RE 3) H334(Resp. Sens.1)	OK				This substance causes serious eye damage, is harmful if inhaled, may cause damage to organs through prolonged or repeated exposure, causes skin irritation, may cause respiratory irritation and may cause an allergic skin reaction. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No

1,2-Ethanediamine, N1,N1-bis[3-(trimethoxysilyl)propyl]-	74956-86-8	0.01-1%	H318(Eye Dam. 1) H317 (Skin Irrit 1) H335 (STOT RE 3) H315(Skin Irri. 2)	OK				This substance causes serious eye damage, causes skin irritation, may cause an allergic skin reaction and may cause respiratory 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. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
2-(2,2-dimethoxy-1,2-azasilolidin-1-yl)ethanamine	618914-51-5	0.01-1%	H318(Eye Dam. 1)	OK				This substance causes serious eye damage. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
3,3'-(1,1,3,3-tetramethyldisiloxane-1,3-diyl) bispropylamine	2469-55-8	0.01-1%	H318(Eye Dam. 1) H314(Eye Dam. 1) H402(Aq Acute 3) H413 (Aq Chronic 3)	OK				This substance causes severe skin burns and eye damage, causes serious eye damage 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. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
3-(trimethoxysilyl) propylamine	13822-56-5	0.01-1%	H318(Eye Dam. 1) H315(Skin Irri. 2)	OK				This substance causes serious eye damage 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. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
Ethenyl(trimethoxy) silane	2768-02-7	0.01-1%	H317 (Skin Irrit 1)	OK				This substance may cause an allergic skin reaction. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No

Calcium carbonate	Filler	50-70%	H318(Eye Dam. 1) H335 (STOT RE 3) H315(Skin Irri. 2)	OK				This substance causes serious eye damage, causes skin irritation and may cause respiratory 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. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester	166412-78-8	1-10%	None	OK				Recycled Content: None Nanomaterials: No
Catalyst								
Dioctyltin oxide	870-08-6	0.01-1%	H371(STOT SE 2)	OK				This substance may cause damage to organs. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
Tetraethyl silicate; ethyl silicate	78-10-4	0.01-1%	H315(Skin Irri. 2) H319(Eye Irri. 2A) H332(Acute Tox. 4)	OK				This substance is a flammable liquid and vapour, causes serious eye irritation, is harmful if inhaled and may cause respiratory 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. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
Pigment								
Titanium dioxide	13463-67-7	1-5%	H351(Carc. 2)	OK				This substance can be harmful when it is inhaled, and it is classified a possible carcinogenic to humans. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
Propylidynetrimethanol	77-99-6	0.01-1%	H361(Repr. 2)	OK				This substance is suspected of damaging fertility or the unborn child. However, the manufacturer of the product operates under an Occupational Health and Safety System and therefore risks are considered low at the manufacturing stage. Once applied and dried, this substance will be incorporated into hard, durable, inert layer and will not cause harm to end users. Recycled Content: None Nanomaterials: No
UV Stabilizer								
2-methoxy-1-methylethyl acetate	108-65-6	0.01-1%	None	OK				Recycled Content: None Nanomaterials: No

Comments:

VOC Content : Sum of VOC (TVOC) was tested below 0.005mg/m3 which is below the limit value. The test was conducted by GEV on 3rd June 2021.