

PHD™

Product Health Declaration



Olmurtech Tec7

Tec7 is a versatile M5 Polymer sealant and adhesive. The combination of high adhesion forces and great elasticity allows Tec7 to absorb movement and vibrations, while ensuring the structural integrity of a substrate. Tec7 can seal, mount and bond to most building materials, and is also water and airtight. It is solvent free and can be used on acoustic panels and sensitive materials like EPS, mirror backings or natural stone as it will not bleed through. Tec7 is free from phthalates, solvents, isocyanates, does not attack synthetic materials and is odourless which makes it safe to use in confined spaces. It remains permanently elastic making it vibration, impact, and shock resistant. 100% waterproof assembly which is also bacteria, fungus, UV resistant and paintable.

Products/Ranges:	Tec7
Product Stages Assessed:	Material inputs, Manufacturing, in-use
Product Type:	Adhesive and Sealant
CSI Masterformat:	TBC
Licenced Site/s:	Olen, Belgium
Licence Number:	OLM:TE01:2022:PH
Licence Date:	29th March 2022
Valid To:	29th March 2025
Standard:	GGT International v4.0
Screening Date:	4th February 2022
PHD URL:	http://www.globalgreentag.com/certificate/1569/

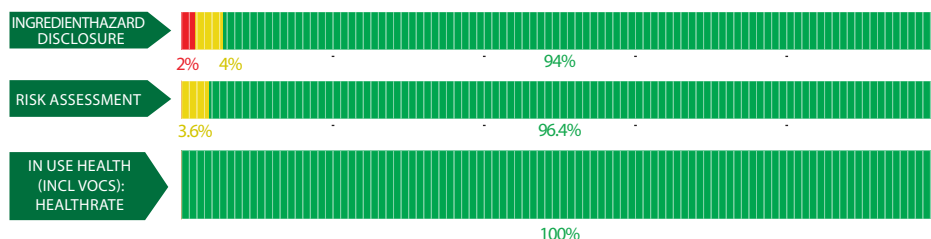


PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL® & LEED® Material Transparency & Optimization credits included below:
- Meets Green Star® 'Buildings v1.0' as a Compliant Technical Document (Audited) for ~ Credit 13: Exposure to Toxins, and 'Design & As Built v1.3' and 'Interiors v1.3' ~ Indoor Pollutants.
- 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 & 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 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:

- 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) 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

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
Trimethoxyvinylsilane	Drying agent	0.1-1.0%	H226(Flam. Liq. 3) H332(Acute Tox. 4) H317(Skin Sens. 1B)	OK				The substance is a flammable liquid and vapour and is harmful if inhaled 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.
3-(Trimethoxysilyl)propylamine	Adhesion promoter	0.1-1.0%	H315(Skin Irrit. 2) H318(Eye Dam. 1)	OK				The substance causes severe skin burns and 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.
Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate	UV-Stabilizer	0.01-0.1%	H411(Aquatic Chronic 2) H318(Eye Dam. 1) H400(Aquatic Acute 1) H361(Repr. 2)	OK				The substance is very toxic to aquatic life, is toxic to aquatic life with long lasting effects, causes serious eye damage and is suspected of damaging fertility or the unborn child. However, the manufacturer of the product operates under an Occupational Health and Safety System and Environmental Management 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.
Diocetyl tin oxide	Catalyst	<0.15%	H371(STOT SE 2)	OK				Recycled Content: None Nanomaterials: No
Silane Modified Polymers	Base material	20-65%	None	OK				Recycled Content: None Nanomaterials: No
Calcium carbonate	Filler	40-60%	None	OK				Recycled Content: None Nanomaterials: No
1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester	Plasticizer	5-30%	None	OK				Recycled Content: None Nanomaterials: No
White mineral oil	Plasticizer	<1.0%	H304(Asp. Tox. 1)	OK				The substance maybe fatal if swallowed and enters airways. 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.

Titanium dioxide	Pigment	2.0-5.0%	None	OK				The classification of TiO2 as a suspected carcinogen by inhalation (Commission Regulation (EU) 2020/217) came into enforcement from 1st October 2021. The classification applies to TiO2 in powder form, containing 1% or more of particles with aerodynamic diameter less than 10 microns. However, Novatech's suppliers declared that all their pigment grade TiO2 contain less than 1% of particles with aerodynamic diameter less than or equal to 10 microns by using international recognized test method EN15051-2. Therefore, based on the testing and no further guidance from EU Commission, the TiO2 do not meet the criteria for classification as Category 2 suspected carcinogen by route of inhalation. In addition, TiO2 is delivered to site in bound state and does not constitute a risk at any level to adhesive or building users.
Carbon Black	Pigment	2.0-5.0%	None	OK				Recycled Content: None Nanomaterials: No
Diiron trioxide	Pigment	<0.5%	H411 (Aquatic Chronic 2)	OK				The substance is toxic to aquatic life with long lasting effects. However, the manufacturer of the product operates under Environmental Management System and therefore risk is considered low. The pigment is presented in the bound state, it does not cause harm to the end users.
Iron hydroxide oxide yellow	Pigment	<0.5%	None	OK				Recycled Content: None Nanomaterials: No

Comments:

VOC Content : Total VOC (TVOC) was tested below 0.005mg/m3 which is below the limit value. The test was conducted by Eurofins on 9th June 2021.