GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™

Product Health Declaration

GLOBAL GREENTAG HEALTH RATE
CERT TM
Platinum HEALTH
trust brands™

Markant Office Furniture Sdn Bhd

MAX Workstation (HI, E-drive, Max-drive)

Markant's MAX workstation range features a partition utilising sound-absorbent GreenTag-certified fabric, and has fully integrated power supply points and wiring. It also provides various options to conceal and partition data and power cables. The product can be transformed from a sit-down desk to an active standing workstation with ease, and was conceptualised to mitigate the effects of prolonged sitting on office employees.with impact protection.

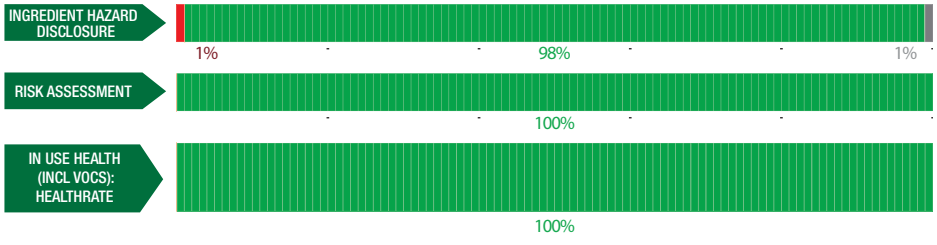
Products/Ranges:	MAX Workstation (HI, E-drive, MAX-drive
Product Stages Assessed:	Material Inputs, manufacturing, in-use
Product Type:	Furniture
CSI Masterformat:	12 59 23 Desk System Furniture
Licenced Site/s:	Selangor, Malaysia
Licence Number:	MAK:FU01:2021:PH
Licence Date:	14th December 2021
Valid To:	14th December 2023
Standard:	GGT International v4.0
Screening Date:	10th December 2021
PHD URL:	https://www.globalgreentag.com/getfile/12213/phd.pdf

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 Recognized for~ Credit 13: Exposure to Toxins
- 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); and, meets IWBI ® WELL™ v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X05 (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.

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 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 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) 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 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 Personal Products Standard v1.0/1.1, and 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 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 & v4.1, WELL v1 & v2, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	**Ideal- Low** No concerns- ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context'
Yellow	**Medium to Low** Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context'
Orange	**Moderate** Hazardous ingredient with "Issue of Concern" or "Issue of Concern Minimised" depending on % of the ingredient, hazard level, and relevance to use context'
Red	**Problematic (Red): Target for Phase** Hazardous ingredient with 'Red Light" or "Red Light Minimised" concern depending on % of the ingredient, hazard level, and relevance to use context'
Dark Red	**Very Problematic (Dark Red): Target for Phase** Very Hazardous ingredient with 'Red Light Exclusion" concern depending on % of the ingredient, hazard level, and relevance to use context'
Grey	**Uncategorised** Not able to be categorised due to lack of toxicity impact information.
Black	**Banned Ingredients** Petroleum, Parabens plus a wide range of compounds stipulated by cleaning/personal products standards.

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
Aluminium - Profile (6063-T5)	Fitting	6.47-8.09%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
Steel	12597-69-2	23.53-29.41%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
PA6	Ecofits, base, mounting cover, adjustable foot cap	0.13-0.16%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
Echo Panel	Screen Cover	4.48-5.60%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
Magnet- Boron	Screen Cov-er- Magnet	0.12-0.16%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
ABS Edging -Worktop	Fitting	0.01-0.02%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
Melamine Particleboard E0- Worktop	Fitting	42.62-53.28%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
Bolt&Nuts	Fitting and Fasteners	0.50-0.62%	None	OK				Recylced Content: Unknown Nanoma-terials: unknown
Powdercoat (FF8/766/CM11, ZFF180/K14233/CS7, BFF160/K14020/CS16, FF165/K40110/CS17)								
Trimellitic anhydride	552-30-7	0.017-0.022%	H318(Eye Dam. 1) 317(Skin Sens. 1) 334(Resp. Sens. 1) 335(STOT SE 3)	OK				Trimellitic anhydride may cause skin irritation and eye damage. It is harmful when it is inhaled. The manufacturer has implemented a appropriate occupational health and safety system in factory. The substance forms part of a uniform melted coating and is chemically and physically em-bedded in the final surface coat-ing, the hazards will not present in the final product. Therefore, it is not expected to casue harm to the users. Recylced Content: Unknown Nanoma-terials: unknown

Declaration	Coating	0.84-1.05%	None	OK				Unknown substance is used. However, as there is no hazard declared, it is not expected to cause any harm . Recylced Content: Unknown Nanomaterials: unknown
Alumnium	7429-90-5	0.017-0.022%	H261(Water-react. 2) H228(Flam. Sol. 1)	OK				Alumnium is alloyed with the final steel product. There is very rare chance for end users to be irritated. Recylced Content: Unknown Nanomaterials: unknown

Comments:
VOC emissions: TVOC emission rate is 0.084mg/item/hr (within the benchmark limit less than 0.5mg/item/hr) use test method ASTM D5116-2017 “Standard Guide for Small-Scale“ Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products”. Tested by FORAY Laboratories (NATA Accreditation 1231) on 11/08/2020.

Formaldehyde emissions: formaldehyde emission rate is 0.009mg/item/hr (within the benchmark limit less than 0.1mg/item/hr) use test method ASTM D5116-2017. Tested by FORAY Laboratories (NATA Accreditation 1231) on 11/08/2020.