

HPD UNIQUE IDENTIFIER: 27458

CLASSIFICATION: 09 69 00 Access Flooring

PRODUCT DESCRIPTION: THE UNIQUE CONCRETE-AND-STEEL COMPOSITE STRUCTURE MAKES TECCRETE AMAZINGLY QUIET AND SOLID UNDERFOOT—IDEAL FOR OFFICE, COMPUTER ROOMS, INSTITUTIONS AND LEARNING ENVIRONMENTS. AS INCLUDED IN THE FINISHED PRODUCT, NONE OF THE MATERIALS IDENTIFIED WITH A "HAZARD TYPE" DESIGNATOR HAVE BEEN SHOWN TO PRESENT ANY INCREASED RISK TO HUMAN HEALTH UNDER NORMAL CONDITIONS OF USE OR EXPOSURE.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities</p> <p><input type="radio"/> Considered</p> <p><input checked="" type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances disclosed by Name (Specific or Generic) and Identifier.</i></p>
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CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

METAL PEDESTAL TUBE [AISI 10B21 STEEL NoGS] SHALE AGGREGATES [SHALE, EXPANDED NoGS] GYPSUM [CALCIUM SULFATE DIHYDRATE LT-UNK] CEMENT [PORTLAND CEMENT LT-P1] CAN | END] WATER [WATER BM-4] STEEL COIL [AISI 10B21 STEEL NoGS] PEDESTAL HEAD [AISI 10B21 STEEL NoGS] BASE [AISI 10B21 STEEL NoGS] FILM [POLYPROPYLENE LT-UNK] LOCK CORNER [POLYPROPYLENE LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Summary of product material chemical contents used for inventory and screening are stated results from screening individual chemical substances against GreenScreen for Safer Chemicals®.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

LCA: Life Cycle Assessment/ EPD

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

<p>Third Party Verified?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p>	<p>PREPARER: Self-Prepared</p> <p>VERIFIER:</p> <p>VERIFICATION #:</p>	<p>SCREENING DATE: 2022-02-03</p> <p>PUBLISHED DATE: 2022-02-03</p> <p>EXPIRY DATE: 2025-02-03</p>
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Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

METAL PEDESTAL TUBE %: 36.6000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®.

OTHER MATERIAL NOTES: Material provides structural support for floor panels.

AISI 10B21 STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-03 8:02:22

%: 100.0000 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

SHALE AGGREGATES %: 27.5000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Material is estimated to have no residuals/impurities over 100ppm based off supplier information and geological derived materials.

OTHER MATERIAL NOTES: This material includes natural occurring substances.

SHALE, EXPANDED

ID: 68476-95-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-03 8:02:22

%: 100.0000 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Filler

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

GYP SUM %: 12.1300

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Lists and the GreenScreen for Safer Chemicals®.

OTHER MATERIAL NOTES: Material, with natural occurring contents, is included in the floor component.

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-02-03 8:02:23		
%: 100.0000	GS: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

CEMENT %: 8.8500

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No	MATERIAL TYPE: Geologically Derived Material
RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Lists and the GreenScreen for Safer Chemicals®.		
OTHER MATERIAL NOTES: This material component provided structural support to the floor.		

PORTLAND CEMENT

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-02-03 8:02:23		
%: 100.0000	GS: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SUBSTANCE NOTES:				

WATER %: 6.9500

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No	MATERIAL TYPE: Other Biological Material
RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®.		
OTHER MATERIAL NOTES: This material is a component of the floor panel.		

WATER

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-02-03 8:02:24		
%: 100.0000	GS: BM-4	RC: None	NANO: Unknown	SUBSTANCE ROLE: Diluent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

STEEL COIL %: 5.8700

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®.

OTHER MATERIAL NOTES: Material is a structural support component of the frame.

AISI 10B21 STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-02-03 8:02:24

%: 100.0000 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

PEDESTAL HEAD

#: 1.0400

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®.

OTHER MATERIAL NOTES: Structurally supportive material component.

AISI 10B21 STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-02-03 8:02:25

%: 100.0000 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

BASE

#: 0.4500

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®.

OTHER MATERIAL NOTES: Material is a structural component for supporting the raised floor.

AISI 10B21 STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-02-03 8:02:25

%: 100.0000 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

FILM

%: 0.1000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Hazard Lists and GreenScreen for Safer Chemicals®.

OTHER MATERIAL NOTES: Material component of the flooring panel.

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-03 8:02:26

%: 100.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Cushioning

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

LOCK CORNER

%: 0.0400

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Summary of product and material contents are results from screening individual chemical substances against HPD Priority Hazard Lists and GreenScreen for Safer Chemicals®.

OTHER MATERIAL NOTES: Material component of the flooring panel.

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-03 8:02:26

%: 100.0000 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All North America
CERTIFICATE URL:

ISSUE DATE: 2019-04-19
EXPIRY DATE:

CERTIFIER OR LAB: Berkeley Analytical

CERTIFICATION AND COMPLIANCE NOTES: Published certificate is currently on manufacturer's website.

LCA

Life Cycle Assessment/ EPD

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All North America
CERTIFICATE URL:

ISSUE DATE: 2020-05-07
EXPIRY DATE:

CERTIFIER OR LAB: Aspire Sustainability Consultancy

CERTIFICATION AND COMPLIANCE NOTES: LCA was developed by Intertek; LCA verified and EPD created by Aspire Sustainability Consultancy.

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

The unique concrete-and-steel composite structure makes TecCrete amazingly quiet and solid underfoot—ideal for office, computer rooms, institutions and learning environments. As included in the finished product, none of the materials identified with a "hazard type" designator have been shown to present any increased risk to human health under normal conditions of use or exposure.

MANUFACTURER INFORMATION

MANUFACTURER: **Global Integrated Flooring Solutions**
 ADDRESS: **3700 32nd St. SE**
Grand Rapids Michigan 49512, United States of America
 WEBSITE: **www.globalifs.com**

CONTACT NAME: **Laura Stadler**
 TITLE: **Director Product Manager & Sales Operations**
 PHONE: **616-218-9944**
 EMAIL: **lstadler@globalifs.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.