

HPD UNIQUE IDENTIFIER: 1747182592

CLASSIFICATION: 06 83 16 Fiberglass Reinforced Paneling

PRODUCT DESCRIPTION: Open Plan Nubby is a durable fiberglass ceiling system that offers excellent acoustic performance and a modern visual impact for large indoor spaces.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
☒ Nested Materials Method	☐ 100 ppm	Completed in 3 of 3 Materials	Characterized ☒ Yes ☐ No
☐ Basic Method	☒ 1,000 ppm		<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	Screened ☒ Yes ☐ No
☐ Material	☐ Other	☒ Yes ☐ No	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product			Identified ☐ Yes ☒ No
			<i>Provided name and CAS RN or other identifier.</i>

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.

NESTED MATERIAL | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

GREENSCREEN SCORE | HAZARD TYPE

BOARD [GLASS, OXIDE, CHEMICALS **LT-UNK** UREA, POLYMER WITH FORMALDEHYDE AND PHENOL **LT-UNK**] **WHITE FACING**

NUBBY [GLASS, OXIDE, CHEMICALS **LT-UNK** CALCIUM CARBONATE **BM-3dg** CLAY **LT-UNK**] CAN **UNDISCLOSED** **LT-UNK**]

ADHESIVE CTC FG [**UNDISCLOSED** **LT-UNK**] MUL | **UNDISCLOSED** **LT-P1**] MUL **WATER** **BM-4**]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All raw materials have been screened through Toxnot and uploaded into the HPD Builder Tool.

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 - Not tested

LCA: Environmental Product Declaration (EPD) by Smart EPD

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-10-28
☐ Yes	VERIFIER:	PUBLISHED DATE: 2024-10-28
☒ No	VERIFICATION #:	EXPIRY DATE: 2027-10-28

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

BOARD			%: 96.0000 - 98.5000		
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes		MATERIAL TYPE: Paper or Cardboard	
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered and noted within the 1000 ppm reporting threshold.					
OTHER MATERIAL NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.					

GLASS, OXIDE, CHEMICALS				ID: 65997-17-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-28 15:28:02	
%: 81.0000 - 87.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety	
SUBSTANCE NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.				

UREA, POLYMER WITH FORMALDEHYDE AND PHENOL				ID: 25104-55-6
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-28 15:28:03		
%: 9.0000 - 12.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024
		Red List substances to avoid in Living Building Challenge V4.0 projects
SUBSTANCE NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.		

WHITE FACING NUBBY		%: 1.0000 - 2.0000
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Glass
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered and noted within the 1000 ppm reporting threshold.		
OTHER MATERIAL NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.		

GLASS, OXIDE, CHEMICALS		ID: 65997-17-3		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-28 15:28:03		
%: 55.0000 - 80.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions	
			Exempted from REACH Annex V listing due to intrinsic safety	
SUBSTANCE NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.				

CALCIUM CARBONATE		ID: 1317-65-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-28 15:28:04
%: 3.0000 - 15.0000	GreenScreen: BM-3dg	RC: None NANO: Unknown SUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.		

CLAY

ID: 1332-58-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-28 15:28:04		
%: 3.0000 - 15.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-10-22 11:35:36		
%: 1.5000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	EC - CEPA DSL		Persistence	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Chemical information has been provide through a Toxnot survey from the supplier. CAS# are CBI but GS rankings are evaluated and disclosed.				

ADHESIVE CTC FG	%: 0.5000 - 0.8500	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: Adhesive

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered and noted within the 1000 ppm reporting threshold.

OTHER MATERIAL NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-10-22 11:35:39	
%: 75.0000 - 85.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Mult*		
	EC - CEPA DSL	Persistence		
MUL	EC - CEPA DSL	Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found			No listings found on Additional Hazard Lists	

SUBSTANCE NOTES: Chemical information has been provide through a Toxnot survey from the supplier. CAS# are CBI but GS rankings are evaluated and disclosed.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-10-22 11:35:41	
%: 14.0000 - 24.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Mult*		
MUL	EC - CEPA DSL	Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found			No listings found on Additional Hazard Lists	

SUBSTANCE NOTES: Chemical information has been provide through a Toxnot survey from the supplier. CAS# are CBI but GS rankings are evaluated and disclosed.

WATER

ID: 7732-18-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-28 15:28:03		
%: 0.5000 - 1.5000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS			
None found			No warnings found on HPD Priority Hazard Lists		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety

SUBSTANCE NOTES: Chemical information has been provide through a Toxnot survey from the supplier. CAS# are CBI but GS rankings are evaluated and disclosed.

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 - Not tested	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2024-10-22 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: n/a	EXPIRY DATE: 2027-10-21 00:00:00	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		

LCA	Environmental Product Declaration (EPD) by Smart EPD	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2024-05-13 00:00:00	CERTIFIER OR LAB: Smart EPD
APPLICABLE FACILITIES: Plymouth, WI	EXPIRY DATE: 2029-05-13 00:00:00	
CERTIFICATE URL:		
https://certainteed.widen.net/content/fwtm2cjk9/pdf/ctc-epd-open-plan-2405-e.pdf?u=nwk4fd		
CERTIFICATION AND COMPLIANCE NOTES: ISO 14025 and ISO 21930:2017		

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 HPD has been created in the Toxnot tool and transferred to the HPD Builder. All raw materials have been screened to the 1000 ppm threshold. Further disclosure was limited by the proprietary nature of the adhesive which is purchased to adhere the veil to the fiberglass board.

MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**
 ADDRESS: **20 Moores Rd**
Malvern, Pennsylvania 19355
 COUNTRY: **United States**

WEBSITE: **<https://www.certainteed.com/products/ceiling-wall-systems-products/open-plan>**
 CONTACT NAME: **Robert Marshall**
 TITLE: **Market Manager**
 PHONE: **8002338990**
 EMAIL: **robert.L.marshall@saint-gobain.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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.

