

Formica Specialty Markerboard by Formica

HPD UNIQUE IDENTIFIER: 46471373
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 06 06 00 Schedules for Wood, Plastics, and Composites
PRODUCT DESCRIPTION: High pressure laminate "Specialty Markerboard" in Grade M8, consists of multiple plies of kraft paper saturated with phenolic resin solids to form the core base Laminate surfaces consist of papers saturated with melamine resin solids. Specialty Markerboard laminate can fabricated as an applied surface to wall panels and other decorative surfaces where design, ease of maintenance and lasting durability are required.

SCREENING DATE: 2026-08-11
PUBLISHED DATE: 2026-08-11
EXPIRY DATE: 2029-08-11
PREPARER: Self-Prepared

Health Product
Declaration v3.0

created via: HPDC Online Builder

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

→ Basic Method

Residuals/Impurities Evaluation

→ Completed

For all contents above the threshold, the manufacturer has:

Threshold Disclosed Per

→ Product

Explanation(s) provided :

Yes

Characterized

No

Provided weight and role.

Screened

Yes

Provided screening results using HPDC-approved methods.

Threshold Level

→ 100 ppm

Identified

No

Provided name and CAS RN or other identifier.

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

FORMICA SPECIALTY MARKERBOARD [KRAFT PAPER NoGS PHENOLIC RESIN LT-P1

MELAMINE RESIN LT-UNK PULP, CELLULOSE (PULP, CELLULOSE (DECORATIVE

SURFACE LAYER)) NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [BiologicalMaterial]

Special Conditions applied: [MetalAlloy]

Special Conditions applied: [MinorFastener]

Special Conditions applied: [Polymers]

Ranges for substances' percent weight are provided.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified

Sustainable forestry: FSC Certification - Chain of Custody (COC)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

FORMICA SPECIALTY MARKERBOARD

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals are tested by UL Environment on a quarterly basis and Greenguard Gold certificate is achieved for Total VOC on all Formica Specialty Marderboard M2253, M3091, M7927, M8202, M8207, M4702 in Grade M8.

OTHER PRODUCT NOTES: Formica laminates are layers of paper saturated with phenolic resins for the core and melamine resins for the surface décor sheets. They are pressed under high pressure and 300 deg F temperatures. The monomers and polymers react under these conditions thus polymerizing into a thermoset hard resin system. The residuals are a very small fraction of the unreacted monomers and are less than 7.3 parts per billion under the Greenguard test protocol.mentioned in this HPD.

KRAFT PAPER

ID: 65996-61-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-11 5:02:04

%: 56.0000 - 63.0000

GreenScreen: NoGS

RC: PostC

NANO: No

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 IV listing due to intrinsic safety

SUBSTANCE NOTES: Post consumer content 8-14%

PHENOLIC RESIN

ID: 9003-35-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-08-11 5:02:04

%: 14.0000 - 19.0000

GreenScreen: LT-P1

RC: None

NANO: No

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

International Living Future Institute (ILFI)

Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026
Red List substances to avoid in Living Building Challenge V4.0 projects

SUBSTANCE NOTES: Used to saturate kraft paper prior to pressing and curing operation.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				HAZARD SCREENING DATE: 2026-08-11 5:02:05
%: 8.0000 - 12.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Sealant
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	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Flame Retardants		
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026		
		Red List substances to avoid in Living Building Challenge V4.0 projects		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025		
		All Products		
SUBSTANCE NOTES: Used to saturate decorative and protective surface sheets prior to pressing and curing operation.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-08-11 5:02:05			
%: 6.0000 - 11.0000			GreenScreen: NoGS	RC: None	NANO: No	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 IV listing due to intrinsic safety				
SUBSTANCE NOTES: Imparts product design						



Section 3: 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	UL/GreenGuard Gold Certified	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2026-05-21	EXPIRY DATE: 2027-03-06
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Environment (SPOT)		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product		
APPLICABLE FACILITIES: Atlanta, GA USA		
COMPLIANCE URL: https://www.formicadocs.info/en-us/-/media/project/formica-documents/sustainability-certificates/formica-magnetic-markerboard-greenguard-certificate.pdf?rev=4f0a6ed016e54f82ae1ab48e9d6a017d		
COMPLIANCE NOTES:		

SUSTAINABLE FORESTRY	FSC Certification - Chain of Custody (COC)	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2026-04-29	EXPIRY DATE: 2031-04-28
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TÜV NORD		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: 30/32 Bahnhofstraße, 37412 Herzberg am Harz, Germany		
COMPLIANCE URL: https://www.homapal.info/EUC/en/documents/Magnetic-&-Boards/Certifications		
COMPLIANCE NOTES:		



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.

FORMICA BRAND CONTACT ADHESIVES
MANUFACTURER (OR GENERIC): Formica
HPD URL: http://www.formica.com/en/us/products/adhesives
ACCESSORY TYPE: Adhesive
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Contact Adhesives are used to bond HPDL to various substrates including Particleboard, Medium Density Fiberboard and Hardwood Faced Plywood.

FORMICA IDEAL EDGE
MANUFACTURER (OR GENERIC): Formica
HPD URL: http://www.formica.com/en/us/products/idealedge-real
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: .Eliminate the flat edges and brown seams traditionally associated with laminate surfaces with IdealEdge® Decorative Edging. Available in two stunning profiles, Ogee and Bullnose, IdealEdge® mimics the contemporary look often found on more expensive stones, granites and quartzes



Section 5: General Notes

Formica brand laminates have been evaluated under the GREENGUARD certification program since 2007 UL 2818-2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2007 using a Classroom Environment.



MANUFACTURER INFORMATION

MANUFACTURER: Formica	WEBSITE: http://www.formica.com/en/us
ADDRESS: 10155 Reading Road	CONTACT NAME: Mike Keilholz
Cincinnati, Ohio 45241	TITLE: Sales Tech Services
COUNTRY: USA	PHONE: 513 786 3536
	EMAIL: michael.keilholz@formica.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 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.