

HPD UNIQUE IDENTIFIER: 594814457856

CLASSIFICATION: 06 06 00 Schedules for Wood, Plastics, and Composites

PRODUCT DESCRIPTION: Backing sheets used to balance high pressure laminate panels. Since panels can warp due to uneven moisture on one face vs the other backers help to maintain panel equilibrium as ambient humidity changes.

Section 1: Summary

Basic 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	Characterized ☒ Yes ☐ No
☒ Basic Method	☐ 1,000 ppm	☐ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☒ Yes ☐ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

BACKING SHEETS [KRAFT PAPER NoGS PHENOL-FORMALDEHYDE RESIN (PRIMARY CASRN IS 9003-35-4) LT-P1]

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:

Ranges for substances' percent weight are provided.

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: UL/GreenGuard Gold Certified

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2025-04-15
☐ Yes	VERIFIER:	PUBLISHED DATE: 2025-04-15
☒ No	VERIFICATION #:	EXPIRY DATE: 2028-04-15

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

BACKING SHEETS

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
RESIDUALS AND IMPURITIES NOTES: Since Backers are produced using phenol formaldehyde resins there is some off gassing after production. Resins have been optimized to produce the minimal amounts of formaldehyde gas. Backers are submitted to UL Environment Green guard program and the gas measured. Formica Backers have received the Green guard Gold certification and tested to less than 7.3 ppb.	
OTHER PRODUCT NOTES:	

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-04-15 10:36:12		
%: 74.0000 - 76.0000	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		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Sheets of Kraft paper are saturated with resin and pressed under high temperature and pressure to produce backers. These core structural layers are bonded due to resin cross flow and cross linking between sheets. Produced without the decor layer typical of HPL				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-04-15 10:36:13	
%: 24.0000 - 26.0000	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 February 1, 2025		
		Red List substances to avoid in Living Building Challenge V4.0 projects		

SUBSTANCE NOTES: Sheets of Kraft paper are saturated with resin and pressed under high temperature and pressure to produce backers. These core structural layers are bonded due to resin cross flow and cross linking between sheets. Produced without the decor layer typical of HPL

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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party

ISSUE DATE: 2007-04-30 00:00:00

CERTIFIER OR LAB: UL

APPLICABLE FACILITIES: St. Jean, Canada and Evendale, Ohio

EXPIRY DATE:

Environment

CERTIFICATE URL: <http://www.formica.com/en/us/landing-pages/sustainability-2017/sustainability17/emissions-and-greenguard>

CERTIFICATION AND COMPLIANCE NOTES: Certification is renewed on an annual basis. The renewal date is October 28th. Formica backers have been evaluated under the Green Guard certification program since 2007 UL 2818-2103 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 (CDHP) Standard Method V12-2007 using a Classroom Environment.

SUSTAINABLE FORESTRY

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: Third Party

ISSUE DATE: 2015-06-04 00:00:00

CERTIFIER OR LAB: SCS

APPLICABLE FACILITIES: St. Jean Canada and Evendale, Ohio

EXPIRY DATE: 2026-10-27 00:00:00

CERTIFICATE URL: <http://www.formica.com/en/us/landing-pages/sustainability-2017/sustainability17/fsc-certified-wood>

CERTIFICATION AND COMPLIANCE NOTES: FSC is an independent, non-government, not-for-profit organization established to promote responsible forest management practices worldwide. It was created out of concern for the loss of the world's forests and failure to address deforestation. FSC forest management certification is awarded to forest managers who adopt practices that provide environmental, social and economic benefits. FSC Principles and Criteria provide a foundation for all forest management standards globally.

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): **Choice Brands**

HPD URL: <http://www.formica.com/en/us/products/adhesives18>

ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Contact Adhesives are used to bond HPDL and Backers to various substrates including Particleboard, Medium Density Fiberboard and Hardwood Faced Plywood.

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. A generic EPD is available at <http://www.formica.com/en/us/landing-pages/sustainability-2017/sustainability17/leed>.

MANUFACTURER INFORMATION

MANUFACTURER: **Formica**
ADDRESS: **10155 Reading Road**
Cincinnati, Ohio 45241
COUNTRY: **USA**

WEBSITE: **<http://www.formica.com/en/us/trade-products>**
CONTACT NAME: **Mike Keilholz**
TITLE: **Sales Tech Services**
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 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

