

HPD UNIQUE IDENTIFIER: 21250

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

PRODUCT DESCRIPTION: FENIX, the innovative materials for interior design for a range of vertical and horizontal interior design applications: kitchens, hospitality, healthcare, transportation, bathrooms and furniture. With low light reflectivity, the FENIX surface is extremely opaque, soft touch and anti-fingerprint. Thermal healing of superficial micro-scratches is also possible.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
Basic Method

Threshold level

- 100 ppm
1,000 ppm
Per GHS SDS
Other

Residuals/Impurities

- Considered
Partially Considered
Not Considered

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Threshold Disclosed Per

- Material
Product

Explanation(s) provided for Residuals/Impurities?
Yes No

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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
FENIX [ KRAFT PAPER NoGS BIO ACRYLIC RESIN LT-UNK PHENOL-FORMALDEHYDE RESIN LT-P1 | RES ]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals are tested on a quarterly basis by UL Environment and achieve Greenguard Gold for Total VOC.

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: GreenGuard - Gold (previously Children & Schools)
Sustainable forestry: FSC Certification - Chain of Custody (COC)
Other: NSF-35

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-08-04

PUBLISHED DATE: 2020-08-04

EXPIRY DATE: 2023-08-04



## 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](http://www.hpd-collaborative.org/hpd-2-2-standard)*

### FENIX

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals are tested on a quarterly basis by UL Environment and achieve Green Guard Gold for Total VOC.

OTHER PRODUCT NOTES: FENIX are layers of phenolic resin saturated Kraft paper combined with layers of acrylic resins and pressed under high temperatures of 300 deg F and pressures. The monomers and polymers react to cross link into a thermoset 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 testing program listed in this HPD.

**KRAFT PAPER**ID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-04**%: **49.0000 - 53.0000**GS: **NoGS**RC: **PostC**NANO: **No**SUBSTANCE ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Core Structural Layer****BIO ACRYLIC RESIN**ID: **25777-71-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-04**%: **28.0000 - 31.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Coating**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found****No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Imparts protective, anti-fingerprint, low gloss, EB cured layer to FENIX product****PHENOL-FORMALDEHYDE RESIN**ID: **9003-35-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-04**%: **18.0000 - 20.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**RESPIRATORY****AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced**SUBSTANCE NOTES: **Used to saturate kraft paper prior to pressing and curing operation**

## 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

### GreenGuard - Gold (previously Children & Schools)

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2004-** EXPIRY DATE: **2021-** CERTIFIER OR LAB: **UL**  
APPLICABLE FACILITIES: **Evendale Ohio and St. Jean** **04-30** **10-25** **Environment**  
**Canada**  
CERTIFICATE URL:  
<https://www.fenixforinteriors.com/en/sustainability>

CERTIFICATION AND COMPLIANCE NOTES: Residuals are tested on a quarterly basis by UL Environment and achieve Greenguard Gold for Total VOC.

### SUSTAINABLE FORESTRY

### FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2015-** EXPIRY DATE: **2021-** CERTIFIER OR LAB: **SCS**  
APPLICABLE FACILITIES: **Evendale Ohio and St. Jean** **06-04** **06-03**  
**Canada**  
CERTIFICATE URL: <https://www.formica.com/en-us/campaigns/sustainability-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.

### OTHER

### NSF-35

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2019-** EXPIRY DATE: CERTIFIER OR LAB: **NSF**  
APPLICABLE FACILITIES: **Evendale Ohio and St. Jean** **08-14** **International**  
**Canada**  
CERTIFICATE URL:  
<https://info.nsf.org/Certified/Food/Listings.asp?Company=17720&Standard=035>

CERTIFICATION AND COMPLIANCE NOTES: This Standard applies to high pressure decorative laminates for use as work and nonwork surfaces of food service equipment on which direct food contact during normal preparation or holding operations is not intended, expected, or reasonable.

## 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 ADHESIVE

HPD URL: <https://www.formica.com/en-us/campaigns/adhesives>

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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Formica® Brand Adhesives including Contact and PVA are used to bond FENIX® to particleboard and MDF substrates.

## Section 5: General Notes

FENIX, the innovative materials for interior design for a range of vertical and horizontal interior design applications: kitchens, hospitality, healthcare, transportation, bathrooms and furniture. With low light reflectivity, the FENIX surface is extremely opaque, soft touch and anti-fingerprint. Thermal healing of superficial micro-scratches is also possible.



## MANUFACTURER INFORMATION

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MANUFACTURER: **Formica**

ADDRESS: **10155 Reading Rd**

**Cincinnati Ohio 45241, United States**

WEBSITE: **https://www.formica.com/en-us**

CONTACT NAME: **Dave Swenson**

TITLE: **Sales Tech Services**

PHONE: **513 786 3536**

EMAIL: **dave.swenson@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

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### Hazard Types

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**LAN** Land toxicity

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple

**NEU** Neurotoxicity

**NF** Not found on Priority Hazard Lists

**OZO** Ozone depletion

**PBT** Persistent, bioaccumulative, and toxic

**PHY** Physical hazard (flammable or reactive)

**REP** Reproductive

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**UNK** Unknown

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

**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)

**LT-1** List Translator 1 (Likely Benchmark-1)

**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.)

**NoGS** No GreenScreen.

### 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.*