CLASSIFICATION: 06 05 13

PRODUCT DESCRIPTION: Versatile, practical and beautiful, Compact is a structural, two-sided laminate that provides endless creative possibilities for fixtures and furniture in commercial, institutional & hospitality settings that stand up to heat and humidity. It consist of multiple ply's of kraft paper saturated with phenolic resin solids to form the core base. Laminate surfaces consist of papers saturated with melamine resin solids.

CONTENT INVENTORY

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.
Formaldehyde content: GreenGuard - Gold (previously Children & Schools)
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 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### COMPACT

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** 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 Grades including Compact.

**OTHER PRODUCT NOTES:** Formica HPL 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 thermostet 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  
**%:** 66.0000 - 74.0000  
**GS:** NoGS  
**RC:** PreC  
**ROLE:** Core structural layer

**HAZARDS:** None Found  
**AGENCY(IES) WITH WARNINGS:** No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Pre consumer content 12%

### PHENOLIC RESIN

**ID:** 9003-35-4  
**%:** 22.0000 - 24.0000  
**GS:** LT-P1  
**RC:** None  
**ROLE:** Polymeric core sheet binder

**HAZARDS:** RESPIRATORY  
**AGENCY(IES) WITH WARNINGS:** AOEC - Asthmagens

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

### DECORATIVE SURFACE LAYER

**ID:** Undisclosed  
**%:** 0.6000 - 6.3000  
**GS:** NoGS  
**RC:** None  
**ROLE:** Decorative surface layer

**HAZARDS:** None Found  
**AGENCY(IES) WITH WARNINGS:** No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Used to impart design and protective surface to Compact.
MELAMINE RESIN

ID: 9003-08-1

%: 0.5000 - 5.0000
GS: LT-UNK
RC: None
NANO: No
ROLE: Polymeric surface binder sheet

HAZARDS: None Found
AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: Used to saturate decorative and protective surface sheets prior to pressing and curing operation.

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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.

**FORMALDEHYDE CONTENT**

| CERTIFYING PARTY: Third Party | ISSUE DATE: 2007-04-30 |
| APPLICABLE FACILITIES: St Jean Canada | EXPIRY DATE: 2018-10-28 |

CERTIFICATION AND COMPLIANCE NOTES: Certification is renewed on an annual basis. The renew cycle date is October 28th. Formica 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.

**SUSTAINABLE FORESTRY**

| CERTIFYING PARTY: Third Party | ISSUE DATE: 2015-06-04 |
| APPLICABLE FACILITIES: St Jean, Canada | EXPIRY DATE: 2020-06-04 |

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.

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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.

Z-CLIP OR FRENCH CLEAT FASTENERS

**HPD URL:** No HPD available

**CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:** Necessary when used as an interior vertical panel

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**Section 5: General Notes**


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**Section 6: References**

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**MANUFACTURER INFORMATION**

**MANUFACTURER:** Formica

**ADDRESS:** 10155 Reading Rd

Cincinnati Ohio 45241, USA

**WEBSITE:** http://www.formica.com/en/us

**CONTACT NAME:** Dave Swenson

**TITLE:** Sales Tech Services

**PHONE:** 513 786 3536

**EMAIL:** dave.swenson@formica.com

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**KEY**

<table>
<thead>
<tr>
<th>OSHA MSDS</th>
<th>Occupational Safety and Health Administration Material Safety Data Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS SDS</td>
<td>Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
</tr>
</tbody>
</table>

**Hazard Types**

- **AQU** Aquatic toxicity
- **CAN** Cancer
- **DEV** Developmental toxicity
- **END** Endocrine activity
- **EYE** Eye irritation/corrosivity
- **GEN** Gene mutation
- **GLO** Global warming
- **MAM** Mammalian/systemic/organ toxicity
- **MUL** Multiple hazards
- **NEU** Neurotoxicity
- **OZO** Ozone depletion
- **PBT** Persistent Bioaccumulative Toxic
- **PHY** Physical Hazard (reactive)
- **REP** Reproductive toxicity
- **RES** Respiratory sensitization
- **SKI** Skin sensitization/irritation/corrosivity
- **LAN** Land Toxicity
- **NF** Not found on Priority Hazard Lists

**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 (insufficient data to benchmark)
- **LT-P1** List Translator Possible Benchmark 1
- **LT-1** List Translator Likely Benchmark 1
- **LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
- **NoGS** Unknown (no data on List Translator Lists)

**Recycled Types**

Compact

hdprepository.hpd-collaborative.org

HPD v2.1 created via HPDC Builder Page 4 of 5
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.