

CLASSIFICATION: 06 06 60 Wood, Plastics, and Composites; 07 42 00 Wall Panels; 12 36 00 Countertop

PRODUCT DESCRIPTION: Corian® Joint Adhesive, for use with quartz and solid surfaces, is produced in a range of colors to coordinate with the colors of Corian® Solid Surface and Corian® Quartz® Surface products. Corian® Joint Adhesive bonds sheets of Corian® Solid Surface with inconspicuous seams resulting in a smooth continuous surface which enables large designs to be created and fashioned from a single element. An inconspicuous "hard" seam between two sheets of Corian® solid surface is an essential part of converting flat sheet into an object made from Corian® solid surface. Corian® Joint Adhesive provides enhanced performance over DuPont™ Joint Adhesive with viscosity changes – it is almost 4x thicker than DuPont™ Joint Adhesive. Corian® Joint Adhesive requires much less force to dispense with manual or pneumatic dispensers. The non-drip/non-slump, thixotropic formulation provides less run on vertical applications and with a faster cure time it is sand-able after 30 minutes. Corian® Joint Adhesive provides ~1.5+ times the bond strength as compared to DuPont™ Joint Adhesive so seam reinforcement is not required when using Corian® Joint Adhesive for horizontal applications in general dry residential and commercial applications.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized  Yes Ex/SC  Yes  No

% weight and role provided for all substances.

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

CORIAN® JOINT ADHESIVE [ METHYL METHACRYLATE LT-P1 | RES | PHY | SKI | END UNDISCLOSED LT-P1 | RES UNDISCLOSED LT-P1 | MUL METHACRYLIC ACID LT-UNK | SKI 1,1,1-TRIMETHYLOLPROPANE TRIMETHACRYLATE LT-P1 | MUL FUMED SILICA, CRYSTALLINE-FREE LT-P1 | CAN CARBON BLACK LT-1 | CAN BUTYLATED HYDROXYTOLUENE LT-P1 | END | MUL | CAN UNDISCLOSED NoGS TITANIUM DIOXIDE LT-1 | CAN | END ]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1.1. Substances not "Identified" are those considered proprietary to suppliers, and thus are "Undisclosed" on this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 29 Regulatory (g/l): 70

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: No

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: GreenGuard - Gold (previously Children & Schools)

VOC emissions: FRENCH VOC EMISSIONS LABELING REGULATION FOR CONSTRUCTION AND DECORATIVE PRODUCTS

VOC emissions: AgBB-scheme 2015

VOC content: SCAQMD Rule 1168 and LEED v4 (VOC Content)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-11-11

PUBLISHED DATE: 2019-11-11

EXPIRY DATE: 2022-11-11



## 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### CORIAN® JOINT ADHESIVE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals in methyl methacrylate is methacrylic acid. Other residuals accounted for through Technical Data Sheets or GHS Compliant SDS. Residuals are below 100 ppm in final article.

OTHER PRODUCT NOTES: Corian® Joint Adhesive is an two component acrylic-based adhesive. Acrylic materials include various kinds of conventional acrylic group monomers, acrylic group partial polymers, vinyl monomers for copolymerization other than acrylic group monomers, or oligomers. A particularly good and especially preferred monomer is methyl methacrylate (MMA). MMA is a reactive monomer substance and becomes incorporated into the acrylic polymer (acrylic resin) resulting from curing of the adhesive.

#### METHYL METHACRYLATE

ID: 80-62-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-11

%: 45.00 - 59.00      GS: LT-P1      RC: None      NANO: No      ROLE: Polymerizable monomer - acrylic resin

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Acrylic materials include various kinds of conventional acrylic group monomers, acrylic group partial polymers, vinyl monomers for copolymerization other than acrylic group monomers, or oligomers. A particularly good and especially preferred monomer is methyl methacrylate (MMA). MMA is a reactive monomer substance and becomes incorporated into the acrylic polymer (acrylic resin) resulting from curing of the adhesive. The substance inputs for Corian® Joint Adhesive are encapsulated by polymerization of acrylic-based reactants.

This ingredient is part of Component A of Corian® Joint Adhesive, the percentage by weight reported is for this ingredient after Component A is extruded with Component B in a 10:1 ratio in use.

#### UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-11

%: 22.50 - 27.50      GS: LT-P1      RC: None      NANO: No      ROLE: Thickening Agent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This ingredient is part of Component A of DuPont™ Joint Adhesive, the percentage by weight reported is for this ingredient overall after Component A is extruded with Component B in a 10:1 ratio in use.

## UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-11**

%: **6.00 - 9.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Acrylic materials include various kinds of conventional acrylic group monomers, acrylic group partial polymers, vinyl monomers for copolymerization other than acrylic group monomers, or oligomers. A particularly good and especially preferred monomer is methyl methacrylate (MMA). MMA is a reactive monomer substance and becomes incorporated into the acrylic polymer (acrylic resin) resulting from curing of the adhesive. The substance inputs for Corian® Joint Adhesive are encapsulated by polymerization of acrylic-based reactants.

This ingredient is part of Component A of Corian® Joint Adhesive, the percentage by weight reported is for this ingredient as Component A is extruded with Component B in a 10:1 ratio in use.

## METHACRYLIC ACID

ID: **79-41-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-11**

%: **0.90 - 2.70**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Aid to Polymerization - acrylic resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**SKIN IRRITATION**

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: This ingredient is part of Component A of DuPont™ Joint Adhesive, the percentage by weight reported is for this ingredient as Component A is extruded with Component B in a 10:1 ratio in use.

## 1,1,1-TRIMETHYLOLPROPANE TRIMETHACRYLATE

ID: **3290-92-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-11**

%: **0.90 - 4.50**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Cross-linking Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: This ingredient is part of Component A of DuPont™ Joint Adhesive, the percentage by weight reported is for this ingredient as Component A is extruded with Component B in a 10:1 ratio in use.

## FUMED SILICA, CRYSTALLINE-FREE

ID: **112945-52-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-11**

%: **0.20 - 0.50**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Thickening Agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: The substance inputs for DuPont™ Joint Adhesive are encapsulated by polymerization of acrylic-based reactants.

This ingredient is part of Component B of DuPont™ Joint Adhesive, the percentage by weight reported is for this ingredient overall. Component A is extruded with Component B in a 10:1 ratio in use.

## CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-11**

%: **0.00 - 1.00**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Coloring Agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: The substance inputs including pigments for Corian® Joint Adhesive are encapsulated by polymerization of acrylic-based reactants.

This ingredient is part of Component A of Corian® Joint Adhesive, the percentage by weight reported is for this ingredient as Component A is extruded with Component B in a 10:1 ratio in use.

## BUTYLATED HYDROXYTOLUENE

ID: 128-37-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-11**

%: **0.00 - 1.00**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: This ingredient is part of Component A of DuPont™ Joint Adhesive, the percentage by weight reported is for this ingredient overall as Component A is extruded with Component B in a 10:1 ratio in use.

## UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-11**

%: **0.00 - 0.91**      GS: **NoGS**      RC: **None**      NANO: **No**      ROLE: **Activator in benzoyl peroxide initiated redox polymerization for acrylics**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The substance inputs for DuPont™ Joint Adhesive are encapsulated by polymerization of acrylic-based reactants.

This ingredient is part of Component A of DuPont™ Joint Adhesive, the percentage by weight reported is overall for this ingredient as Component A is extruded with Component B in a 10:1 ratio in use.

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2019-11-11**

%: **0.00 - 1.00**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Coloring Agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: The substance inputs including pigments for Corian® Joint Adhesive are encapsulated by polymerization of acrylic-based reactants.

## 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

APPLICABLE FACILITIES: Corian® Joint Adhesive like other Building Construction Adhesives is tested in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 in an Office and Classroom Environment. Corian® Joint Adhesive tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2

CERTIFICATE URL:

[https://spot.ul.com/data/spot/api/v1/products/5ad1f0dc55b0e82d946acbba/certificates/UL2818G\\_BMS](https://spot.ul.com/data/spot/api/v1/products/5ad1f0dc55b0e82d946acbba/certificates/UL2818G_BMS)

CERTIFICATION AND COMPLIANCE NOTES: Corian® Joint Adhesive tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. UL

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2018-01-16	2019-11-07	UL ENVIRONMENT

### VOC EMISSIONS

FRENCH VOC EMISSIONS LABELING REGULATION FOR CONSTRUCTION AND DECORATIVE PRODUCTS

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

ISSUE DATE: 2018-02-08

EXPIRY DATE:

CERTIFIER OR LAB: eco-INSTITUTE Germany GmbH

CERTIFICATION AND COMPLIANCE NOTES: Corian® Joint Adhesive meets the requirements of Class A+ of the decree no. 2011-321 of March 23, 2011 (VOC Regulation) and executive decisions of May 28th, 2009 and April 30, 2009 (CMR regulation) of the French Ministry of Ecology, Sustainable Development, Transport and Housing. The French requirements for VOC and CMR emissions and methods for evaluating construction products are covered in "Décret n° 2011-321"2,3. This regulation required existing products sold in the market on January 1, 2012 to be labeled with emission class based on TVOC and 10 individual VOC emissions including formaldehyde. The regulation required effective September 1, 2013 all construction products designated by the French ministry to be labeled.

### VOC EMISSIONS

AgBB-scheme 2015

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

ISSUE DATE: 2018-02-08

EXPIRY DATE:

CERTIFIER OR LAB: eco-INSTITUTE Germany GmbH

CERTIFICATION AND COMPLIANCE NOTES: Corian® Joint Adhesive meets the emission requirements of the AgBB-scheme.

### VOC CONTENT

SCAQMD Rule 1168 and LEED v4 (VOC Content)

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

ISSUE DATE: 2018-05-23

EXPIRY DATE:

CERTIFIER OR LAB: EUROFINS

CERTIFICATION AND COMPLIANCE NOTES: Corian® Joint Adhesive having 29 g/L %VOC meets and exceeds South Coast Air Quality Management District (SCAQMD) Rule 1168 Low VOC emission limit requirement of <70 g/L VOC for a Multipurpose Construction Adhesive.

### MANAGEMENT

ISO 9001:2015 Quality management systems

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

ISSUE DATE: 2018-02-15

EXPIRY DATE: 2021-02-14

CERTIFIER OR LAB: BUREAU VERITAS

CERTIFICATION AND COMPLIANCE NOTES: Corian® Joint Adhesive is produced in a facility which has been audited in accordance with the requirements of EN 9104-001:2013 by Bureau Veritas Certifications and conforms to the Quality Management Systems

## 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.*

### CORIAN® SOLID SURFACE

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx#k=corian%20solid%20surface>

#### CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Corian® Solid Surface is a solid, nonporous, homogeneous surfacing material, composed of ≈1/3 acrylic resin (also known as polymethyl methacrylate or PMMA), and ≈2/3 natural minerals. These minerals are composed of aluminum trihydrate (ATH) derived from bauxite, an ore from which aluminum is extracted. Corian® solid surface is an advanced composite product used as an architectural and design material in a variety of residential and commercial applications. Corian® solid surface offers design versatility, functionality and durability. Supplied in sheets and shapes, it can be fabricated with conventional woodworking tools into virtually any design. It is the original solid surface material made only by DuPont.

### CORIAN® QUARTZ

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx#k=corian%20quartz>

#### CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Corian® Quartz\* materials are comprised of reacted monomers and resins, natural quartz particles, silica, and colorants, and are manufactured in the form of slabs in various gauges. Long-lasting and GREENGUARD and GREENGUARD Gold Certified as a low emitting material, Corian® Quartz surfaces, agglomerated stone, are a high-performance material, delivering strength, and heat and scratch resistance. The Corian® Quartz Terra Collection colors are the same sophisticated quartz surface as ever, but their composition includes a percentage of pre-consumer and post-consumer recycled content (Post-consumer content percentages vary by color). When properly cleaned, Corian® Quartz does not promote the growth of mold and/or mildew. Corian® Quartz may help contribute to U.S. Green Building Council (USGBC) LEED® points. Most colors of Corian® Quartz are NSF/ANSI Standard 51 Certified for the strictest level – Food Zone. Exposure to any hazards associated with the inputs mentioned is not present in the finished form of Corian® Quartz. The ingredients listed which trigger the associated cancer hazard are inert within the finished form of Corian® Quartz. \*(Corian® Quartz formerly known as Zodiaq® Quartz Surface).

## Section 5: General Notes

Corian® Joint Adhesive is GREENGUARD GOLD Certified for Low VOC emission limits by UL Environment and in accordance with French Construction Directive in the labeling of construction, wall or floor cladding regarding their pollutant emissions. Corian® Joint Adhesive has been tested in line with the standards and meets the VOC emissions requirements for label A+ designations and the CMR emissions requirements. Corian® Joint Adhesive has been tested in line with the standards and meets the VOC emissions requirements for label A+ designations and the CMR emissions requirements. Corian® Joint Adhesive, having 29 g/L %VOC (conditioned sample), meets and exceeds South Coast Air Quality Management District (SCAQMD) Rule 1168 Low VOC emission limit requirement of <70 g/L VOC for a Multipurpose Construction Adhesive. **FOR PROFESSIONAL USE ONLY.** Corian® Joint Adhesive is comprised of Component A and Component B. Corian® Joint Adhesive for use with quartz and solid surfaces is produced in a range of specific colors to match with Corian® Solid Surface and Corian® Quartz. Corian® Joint Adhesive is optimized for use at room temperature. Lower temperature will reduce the cure rate, while elevated temperature will increase cure rate and reduce working time. Corian® Joint Adhesive may be used with manual or pneumatic dispensers. Refer to dispenser instructions for guidance on use. Additional information is available in Corian® Solid Surface Fabrication/Installation Fundamentals – Adhesives (K-25290). The adhesive should always be used by its expiration date as shown on the label. Corian® Joint Adhesive should only be used by personnel who have reviewed the SDS, instructions on use and are wearing the proper protective equipment.



## MANUFACTURER INFORMATION

MANUFACTURER: **DuPont Specialty Products USA, LLC**  
 ADDRESS: **Safety & Construction, Corian® Design**  
**Experimental Station 356, 200 Powder Mill Road**  
**Wilmington DE 19803, United States**  
 WEBSITE: <http://www.dupont.com/products-and-services/construction-materials/surface-design-materials/select-a-country.html>

CONTACT NAME: **Barbara Hannah**  
 TITLE: **Global Product Stewardship, Sustainability, Regulatory Compliance**  
 PHONE: **+800 426 7426 (Direct +302 999 4594)**  
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## KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet  
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Hazard Types

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

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### Recycled Types

**PreC** Preconsumer (Post-Industrial)  
**PostC** Postconsumer  
**Both** Both Preconsumer and Postconsumer  
**Unk** Inclusion of recycled content is unknown  
**None** Does not include recycled content

### Other Terms

#### 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.*