

Name LEVELe Wall Cladding System



Product ID LEVELe Wall Cladding System Classification
Website www.forms-surfaces.com

Manufacturer Forms+Surfaces Name Sandra Closson
Address 30 Pine Street Title Sustainability Manager
Pittsburgh, PA 15223 Phone 412.282.5244
Email sandra.closson@forms-surfaces.com

Description This HPD applies to LEVELe Wall Cladding System. Included in this HPD are panel frames, backer elements, reveals and installation hardware. Panel inset materials are not included.

Release Date 2014-03-17 Expiry Date 2017-03-17
HPD URL http://tool.hpdcollaborative.org/uploads/files/hpds/159/656-20140317161732.pdf
Certifier Certicate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure Full Disclosure of Intentional Ingredients
measured 100 ppm (ideal) measured 1000 ppm predicted by process chemistry as per MSDS (10,000 ppm) not disclosed other
Full Disclosure of Known Hazards Notes
Full Disclosure is not possible due to the use of proprietary adhesive ingredients. The residuals are predicted by process chemistry using the HBN Pharos Tool.

Contents in Descending Order of Quantity

ALUMINUM , POLYCARBONATE , Wood dust - unspecified , IRON , Nickel , Chromium , MELAMINE FORMALDEHYDE , Chloroprene (USE CAS RN: 126-99-8) , Undisclosed (Epoxy resin) , ZINC , Manganese , C9-11-BRANCHED ALKYL BENZOATE , BENZOYL PEROXIDE , TITANIUM , Undisclosed (Methacrylate Blend) , Undisclosed (Methacrylate phosphate ester) , Undisclosed (Amine curative) , N-N-DIMETHYLANILINE , COPPER , MAGNESIUM , Silicon , METHYL METHACRYLATE , HYDROGENATED ROSIN , DISPROPORTIONATED ROSIN , GLYCEROL ESTER , ZINC OXIDE , Rosin, polymer with phenol , METHACRYLIC ACID , PHENOL , PYRIDINE , ANTIMONY TRIOXIDE , LITHIUM HYDRIDE , BISPHENOL A (BPA) , FORMALDEHYDE , METHANOL , SULFURIC ACID (FUMING) , ROSIN, HYDROGENATED , EPICHLOROHYDRIN

Hazards Highest concern GreenScreen score - Benchmark 1
PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation
Development Reproductive Endocrine Respiratory
Neurotoxicity Mammal Skin or Eye Aquatic toxicity
Land toxicity Physical hazard Global warming Ozone depletion
Multiple Unknown

Total VOC Content Material (g/L) N/A Regulatory (g/L) N/A
Does the product contain exempt VOCs? N/A Yes No
Are there VOC-free tints available? N/A Yes No

Notes

Certifications + Compliance

VOC Emissions Not tested VOC Content N/A
Multi-attribute ISO 14021

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard	Warnings					Notes
ALUMINUM	7429-90-5	34.7 - 55.7 %	P1	PI	N	Aluminum Components
ENDOCRINE	TEDX: Potential Endocrine Disruptor					The recycled content of the aluminum components is 25-36% Post-Industrial
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
FLAMMABLE	EU H-Statements: H228 Flammable solid					
REACTIVE	EU H-Statements: H261 In contact with water releases flammable gases					
POLYCARBONATE	25037-45-0	15 - 30 %	U	PI	N	Polycarbonate Backer
DEVELOPMENTAL	EPA Action: Developmental Effects					The recycled content of the polycarbonate backer is 15% Post-Industrial
REPRODUCTIVE	EPA Action: Reproductive effects					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
Wood dust - unspecified		6.1 - 20.7 %		PI	N	MDF Backer
None found	No warnings found on HPD Priority lists					The recycled content of the MDF backer is 85% Post-Industrial.
IRON	7439-89-6	5.9 - 14.9 %	U	BO	N	Aluminum Components, Stainless Steel Hardware
None found	No warnings found on HPD Priority lists					The recycled content of the aluminum components is 25-36% Post-Industrial. The recycled content of the stainless steel hardware is 25% Post-Consumer.
Nickel	7440-02-0	0.7 - 2.3 %	BM1	PC	N	Stainless Steel Hardware
CANCER	Prop 65: Cancer (also in NTP-RoC, NIOSH-C, MAK, EU R-Phrases, IARC, EU H-Statements)					The recycled content of the stainless steel hardware is 25% Post-Consumer.
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only (also in MAK)					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					

ORGAN TOXICANT	EU H-Statements: H372 Causes damage to organs through prolonged or repeated exposure					
Chromium	7440-47-3	1.6 - 4.3 %	U	BO	N	Aluminum Components, Stainless Steel Hardware
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					The recycled content of the aluminum components is 25-36% Post-Industrial. The recycled content of the stainless steel hardware is 25% Post-Consumer.
MELAMINE FORMALDEHYDE	9003-08-1	1.1 - 3.6 %	U	N	N	MDF Backer
None found	No warnings found on HPD Priority lists					None
Chloroprene (USE CAS RN: 126-99-8)	9010-98-4	0 - 1.5 %	U	N	N	Adhesive
None found	No warnings found on HPD Priority lists					None
Undisclosed (Epoxy resin)	Undisclosed	0 - 1.2 %	U	N	N	Adhesive
DEVELOPMENTAL	EPA Action: Developmental Effects					This ingredient is listed as proprietary by the manufacturer. Further details will be provided as available.
REPRODUCTIVE	EPA Action: Reproductive effects					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
ZINC	7440-66-6	0 - 1.6 %	P1	PI	N	Aluminum Components
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					The recycled content of the aluminum components is 25-36% Post-Industrial.
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
FLAMMABLE	EU H-Statements: H250 Catches fire spontaneously if exposed to air					
REACTIVE	EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
Manganese	7439-96-5	0 - 1.5 %	P1	BO	N	Aluminum Components, Stainless Steel Hardware
ENDOCRINE	TEDX: Potential Endocrine Disruptor					The recycled content of the aluminum components is 25-36% Post-Industrial. The recycled content of the stainless steel hardware is 25% Post-Consumer.
C9-11-BRANCHED ALKYL BENZOATE	131298-44-7	0 - 0.1 %		N	N	Adhesive
None found	No warnings found on HPD Priority lists					None
BENZOYL PEROXIDE	94-36-0	0 - 0.1 %	U	N	N	Adhesive
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					None
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					

REACTIVE	EU H-Statements: H241 Heating may cause a fire or explosion					
TITANIUM	7440-32-6	0 - 0.1 %	U	PI	N	Aluminum Components
None found	No warnings found on HPD Priority lists					The recycled content of the aluminum components is 25-36% Post-Industrial.
Undisclosed (Methacrylate Blend)	Unknown	0 - 0.1 %		N	N	Adhesive
Unknown	Not disclosed					This ingredient is proprietary per the manufacturer. Additional information will be provided as available.
Undisclosed (Methacrylate phosphate ester)	Unknown	0 - 0.1 %		N	N	Adhesive
Unknown	Not disclosed					This ingredient is proprietary per the manufacturer. Additional information will be provided as available.
Undisclosed (Amine curative)	Unknown	0 - 0.1 %		N	N	Adhesive
Unknown	Not disclosed					This ingredient is proprietary per the manufacturer. Additional information will be provided as available.
N-N-DIMETHYLANILINE	121-69-7	0 - 0.1 %	P1	N	N	Adhesive
CANCER	EU R-Phrases: R40: Limited evidence of a carcinogenic effect (also in EU H-Statements, MAK)					None
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
COPPER	7440-50-8	0 - 0.2 %	P1	PI	N	Aluminum Components
None found	No warnings found on HPD Priority lists					The recycled content of the aluminum components is 25-36% Post-Industrial.
MAGNESIUM	7439-95-4	0.2 - 1.4 %	U	PI	N	Aluminum Components
FLAMMABLE	EU H-Statements: H250 Catches fire spontaneously if exposed to air					The recycled content of the aluminum components is 25-36% Post-Industrial.
REACTIVE	EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously					
Silicon	7440-21-3	0.1 - 1.6 %	U	BO	N	Aluminum Components, Stainless Steel Hardware
None found	No warnings found on HPD Priority lists					The recycled content of the aluminum components is 25-36% Post-Industrial. The recycled content of the stainless steel hardware is 25% Post-Consumer.
METHYL METHACRYLATE	80-62-6	0 - 0.8 %	U	N	N	Adhesive
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					None

SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
HYDROGENATED ROSIN, DISPROPORTIONATED ROSIN, GLYCEROL ESTER	65997-13-9	0 - 0.3 %	P1	N	N	Adhesive
PBT	DSL: Persistent, Bioaccumulative and inherently Toxic (PBIT) to aquatic organisms					None
ZINC OXIDE	1314-13-2	0 - 0.1 %	P1	N	N	Adhesive
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					None
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
Rosin, polymer with phenol	68083-03-4	0 - 0.3 %	U	N	N	Adhesive
None found	No warnings found on HPD Priority lists					None
METHACRYLIC ACID	79-41-4	0 - 0.1 %	U	N	N	Adhesive
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					None
SKIN IRRITATION	EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)					
PHENOL	108-95-2	R	P1			Monomer, Rosin, polymer with phenol
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
GENE MUTATION	EU H-Statements: H341 Suspected of causing genetic defects					
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)					
SKIN IRRITATION	EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)					
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure.					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
PYRIDINE	110-86-1	R	BM1			Catalyst, POLYCARBONATE
CANCER	Prop 65: Cancer (also in MAK)					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					

FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.				
MULTIPLE	VwVwS: Class 2 Hazard to Waters				
ANTIMONY TRIOXIDE	1309-64-4	R	BM1		Catalyst, POLYCARBONATE
CANCER	Prop 65: Cancer (also in EU R-Phrases, IARC, EU H-Statements, MAK)				
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects				
MULTIPLE	EPA Action: TSCA Work Plan chemical - Action Plan in development				
LITHIUM HYDRIDE	7580-67-8	R	P1		Catalyst, POLYCARBONATE
MULTIPLE	VwVwS: Class 2 Hazard to Waters				
BISPHENOL A (BPA)	80-05-7	R	BM1		Monomer, BISPHENOL A-EPICHLOROHYDRIN ACRYLATE
DEVELOPMENTAL	NTP-OHAaT: A-Clear evidence of adverse developmental toxicant effects (also in EPA Action)				
REPRODUCTIVE	NTP-OHAaT: B-Some evidence of adverse reproductive toxicant effects (also in EU R-Phrases, EU H-Statements, EPA Action)				
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in OSPAR, SIN, TEDX)				
EYE IRRITATION	EU H-Statements: H318 Causes serious eye damage (also in EU R-Phrases)				
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction				
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)				
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published (also in VwVwS)				
FORMALDEHYDE	50-00-0	R	BM1		Monomer, Formaldehyde compounds
CANCER	IARC: Group 1: Agent is carcinogenic to humans (also in NTP-RoC, EPA-C, Prop 65, NIOSH-C, EU R-Phrases, EU H-Statements, MAK)				
RESPIRATORY	AOEC: Asthmagen (AG) - generally accepted				
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)				
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction (also in EU R-Phrases)				
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)				
MULTIPLE	VwVwS: Class 2 Hazard to Waters				
METHANOL	67-56-1	R	BM1		Additive - Non-reactive, MELAMINE FORMALDEHYDE
DEVELOPMENTAL	NTP-OHAaT: A-Clear evidence of adverse developmental toxicant effects (also in Prop 65)				
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-				

	Statements)					
ORGAN TOXICANT	EU R-Phrases: R39: Danger of very serious irreversible effects. (also in EU H-Statements)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
SULFURIC ACID (FUMING)	8014-95-7	R	P1			Monomer, METHYL METHACRYLATE
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels					
RESPIRATORY	AOEC: Asthmagen (ARr) - irritant-induced					
SKIN IRRITATION	EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)					
ROSIN, HYDROGENATED	65997-06-0	R	P1			Feedstock, HYDROGENATED ROSIN, DISPROPORTIONATED ROSIN, GLYCEROL ESTER
PBT	DSL: Persistent, Bioaccumulative and inherently Toxic (PBIT) to aquatic organisms					
EPICHLOROHYDRIN	106-89-8	R	BM1			Monomer, BISPHENOL A-EPICHLOROHYDRIN ACRYLATE
CANCER	EPA-C: (1986) Group B2 - Probable human carcinogen (also in IARC, Prop 65, EU CMR (1), NTP-RoC, EU R-Phrases, EU H-Statements, NIOSH-C, MAK, EU CMR (2))					
REPRODUCTIVE	Prop 65: Male reproductive toxicity					
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in TEDX)					
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction (also in EU R-Phrases)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVWS)					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			Notes
VOC Emissions	Not tested			
VOC	N/A			

Content				
Recycled Content	Not tested			
Multi-attribute	ISO 14021		self certifying	
		2013-12-03	www.iso.org	
	All facilities		The provided recycled content data is generated from supplier data, following the guidelines of ISO 14021 Self-declared environmental claims (Type II environmental labelling).	

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
Mild detergent and warm water	
Aluminum surfaces may be cleaned as needed using a soft cloth or brush with warm water and a mild detergent.	

NOTES