

CLASSIFICATION: 097200

PRODUCT DESCRIPTION: Ven4ma Sheet - Wall Protection & Wainscot is fastened to walls with adhesives to provide wall protection and enhanced look in healthcare, hospitality, education and government facilities.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

☒ Nested Materials Method

☐ Basic Method

Threshold level

☐ 100 ppm

☒ 1,000 ppm

☐ Per GHS SDS

☐ Per OSHA MSDS

☐ Other

Residuals/Impurities

Residuals/Impurities Considered in 1 of 3 Materials

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**  
**ABS CORE | ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER | LT-UNK | TETRABROMOBISPHENOL A (TBBPA) | BM-1 | CAN | PBT | END | AQU | MUL | REP | ANTIMONY TRIOXIDE | BM-1 | CAN | AQU | MUL | THERMOFOIL FILM | POST-CONSUMER PVC SOURCED FROM CO-MINGLED SCRAP | LT-P1 | RES | DI(2-ETHYLHEXYL)PHTHALATE (DEHP) (PRIMARY CASRN) | LT-1 | CAN | DEL | END | REP | MUL | ORGANOTIN COMPOUNDS | LT-1 | PBT | TITANIUM DIOXIDE | LT-1 | CAN | END | CARBON BLACK | LT-1 | CAN | JOWATHERM REACTANT 609.41 | POLYURETHANE | LT-UNK | METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) | LT-UNK | RES | MUL | SKI | EYE | CAN |**

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1  
Nanomaterial ... No  
**INVENTORY AND SCREENING NOTES:**  
Materials are purchased from 3 different suppliers to create the finished product. We worked with our suppliers who in turn have the raw material suppliers. Some are not willing to disclose ingredients as they are considered to trade secrets.

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: CDPH Standard Method V1.1 (Section 01350/CHPS) - Zero VOC emissions  
Other: No Certifications

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

☐ Yes

☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2018-08-22  
PUBLISHED DATE: 2018-10-20  
EXPIRY DATE: 2021-08-22



## 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)

ABS CORE	%: 93.6000 - 95.2000
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have not been considered as the material is purchased in a pre-manufactured state.	
HPD URL: No URL Available	
OTHER MATERIAL NOTES: ABS resin is one of the most widely used engineering thermoplastics. It offers excellent surface appearance, strength & stiffness. ABS resin also has good toughness, low creep, excellent dimensional stability & chemical resistance. It is versatile and easy to process.	

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER				ID: 9003-56-9
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-08-22		
%: 70.0000 - 80.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES: ABS resin is one of the most widely used engineering thermoplastics. It offers excellent surface appearance, strength & stiffness. ABS resin also has good toughness, low creep, excellent dimensional stability & chemical resistance. It is versatile and easy to process.				

TETRABROMOBISPHENOL A (TBBPA)					ID: 79-94-7
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2018-08-22		
%: 15.0000 - 20.0000		GS: BM-1	RC: None	NANO: No	ROLE: Flame Retardant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
PBT	WA DoE - PBT	PBT
PBT	US EPA - Toxics Release Inventory PBTs	PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
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
PBT	EHP - San Antonio Statement on BFRs & CFRs	Flame retardant substance class of concern for PB&T & long range transport
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
SUBSTANCE NOTES: TBBPA is used as an additive flame retardant in ABS plastics.		

## ANTIMONY TRIOXIDE

ID: 1309-64-4

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

HAZARD SCREENING DATE: **2018-08-22**

?: **3.0000 - 6.0000**

GS: **BM-1**

RC: **None**

NANO: **No**

ROLE: **Catalyst**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	Japan - GHS	Carcinogenicity - Category 1B

SUBSTANCE NOTES: Catalyst for flame retardant.

THERMOFOIL FILM

%: 4.8000 - 6.4000

PRODUCT THRESHOLD: 1000 ppm
 RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.

HPD URL: No URL Available

OTHER MATERIAL NOTES: Thermofoil film is the is the decorative covering that is adhered to the substrate.

POST-CONSUMER PVC SOURCED FROM CO-MINGLED SCRAP				ID: 9002-86-2	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2018-08-22		
%: 74.0000 - 81.0000		GS: LT-P1	RC: None	NANO: No	ROLE: Product Structure
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
RESPIRATORY	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES: Long lasting and easy to maintain surface.					

DI(2-ETHYLHEXYL)PHTHALATE (DEHP) (PRIMARY CASRN)				ID: 117-81-7	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2018-08-22		
%: 0.0000 - 4.0000		GS: LT-1	RC: None	NANO: No	ROLE: Flexibility
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CANCER	US EPA - IRIS Carcinogens		(1986) Group B2 - Probable human Carcinogen		
CANCER	IARC		Group 2b - Possibly carcinogenic to humans		
CANCER	CA EPA - Prop 65		Carcinogen		
DEVELOPMENTAL	CA EPA - Prop 65		Developmental toxicity		
ENDOCRINE	EU - Priority Endocrine Disruptors		Category 1 - In vivo evidence of Endocrine Disruption Activity		
REPRODUCTIVE	CA EPA - Prop 65		Reproductive Toxicity - Male		
CANCER	US CDC - Occupational Carcinogens		Occupational Carcinogen		
CANCER	US NIH - Report on Carcinogens		Reasonably Anticipated to be Human Carcinogen		
REPRODUCTIVE	EU - SVHC Authorisation List		Toxic to reproduction - Banned unless Authorised		
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern		Endocrine Disruptor - Chemical for Priority Action		
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs		Clear Evidence of Adverse Effects - Developmental Toxicity		

REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
ENDOCRINE	EU - SVHC Authorisation List	Equivalent Concern - Candidate List
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	Malaysia - GHS	H360Fd - May damage fertility. Suspected of damaging the unborn child
CANCER	Australia - GHS	H350 - May cause cancer
REPRODUCTIVE	Australia - GHS	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES: Makes the PVC pliable for shaping.

ORGANOTIN COMPOUNDS

ID: **Not registered**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-08-22</b>		
%: <b>0.0000 - 2.0000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action		

SUBSTANCE NOTES: Minimal amounts are needed to stabilize the material.

TITANIUM DIOXIDE

ID: **Unknown**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-08-22</b>			
%: <b>0.0000 - 9.0000</b>		GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Product Longevity</b>
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: <b>Helps minimize the brittleness, fading and cracking that can occur as a result of light exposure.</b>					

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>2018-08-22</b>		
%: <b>0.0000 - 1.0000</b>		GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Color Pigment</b>
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: <b>Ingredient used for color pigment.</b>					

JOWATHERM REACTANT 609.41

%: 0.1000 - 1.0000

PRODUCT THRESHOLD: <b>1000 ppm</b>	RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b>
RESIDUALS AND IMPURITIES NOTES: <b>CAS 101-68-8 is a residual monomeric MDI. It will crosslink with moisture in the air or from the substrates and incorporate into the Polyurethane Polymer.</b>	
HPD URL: <b>No URL Available</b>	
OTHER MATERIAL NOTES: <b>Polyurethane adhesive bonds thermofoil decorative covering to molded pvc shape.</b>	

POLYURETHANE

ID: 64440-88-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-08-22

%: 95.0000 - 99.0000 GS: LT-UNK RC: None NANO: No ROLE: Adhesive

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Forms a permanent bond to the substrate.

METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)

ID: 101-68-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-08-22

%: 1.0000 - 5.0000 GS: LT-UNK RC: None NANO: No ROLE: Reactor

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Creates a polyurethane bond with the substrate.

## 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

**CDPH Standard Method V1.1  
(Section 01350/CHPS) - Zero VOC  
emissions**

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **School classroom and private office.**

CERTIFICATE URL:

[http://docs.wixstatic.com/ugd/c0d00f\\_2515622b7fdc4a0cb015661d39fc9720.pdf](http://docs.wixstatic.com/ugd/c0d00f_2515622b7fdc4a0cb015661d39fc9720.pdf)

ISSUE DATE:

**2015-05-  
08**

EXPIRY

DATE:

**2025-05-  
08**

CERTIFIER OR LAB:

**Berkeley  
Analytical**

CERTIFICATION AND COMPLIANCE NOTES: **Reference standards: California Department of Public Health  
CDHP/EHLB/Standard Method Version 1.1, 2010 (Emission testing method for CA Specification 01350)**

### OTHER

**No Certifications**

CERTIFYING PARTY: **Self-declared**

APPLICABLE FACILITIES: **No Certifications.**

CERTIFICATE URL:

ISSUE DATE: **2018-  
09-05**

EXPIRY DATE:

CERTIFIER OR LAB: **No  
Certifications**

CERTIFICATION AND COMPLIANCE NOTES: **No Certifications**

## 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.*

### NO ACCESSORIES

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

**No accessories**

## Section 5: General Notes

**All screenings were completed by the material suppliers.**





MANUFACTURER INFORMATION

MANUFACTURER: **Spectrim Building Products**  
ADDRESS: **3433 Marshall Lane**  
**PO Box 826**  
**Bensalem PA 19020, United States**  
WEBSITE: **www.spectrimbp.com**

CONTACT NAME: **Mike Andersen**  
TITLE: **VP of Sales & Marketing**  
PHONE: **267-223-1030**  
EMAIL: **mikea@spectrimbp.com**

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.*