



ENVIRONMENTAL DATA SHEET

9MM ACOUSTIC FELT

LEED Overview


- Material Ingredients, MRc5 Option 1
- MRc3 Option 2 Recycled Content
- Acoustic Performance EQc9
- Environmental Quality: Low Emitting
- Interiors, EQc2

WELL Certification V1 and V2

- Feature 74: Exterior Noise Intrusion
- Feature 78: Reverberation Time
- Feature 80: Sound Reducing Surfaces
- Feature 81: Sound Barriers
- Feature S04: Sound Absorption
- X14 Part 1: Products carry a DECLARE label and are certified Red List Free

LIVING BUILDING Challenge

- 08. Healthy Interior Environment
- CDPH Compliant
- 10. Red List Free



MPS 9mm Acoustic Panels
MPS LLC

Final Assembly: Trenton, Texas, USA
Life Expectancy: 50 Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Take Back Program (Trenton, TX), Recyclable (100%)

Ingredients:
MPS 9mm PET: Polyethylene Terephthalate

Living Building Challenge Criteria: Compliant

I-13 Red List:
 LBC Red List Free % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

I-10 Interior Performance: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Not Applicable

MPS-0001
EXP. 01 NOV 2025
Original Issue Date: 2022

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare





SUSTAINABILITY PROCESS

Materials

All raw materials are sustainably sourced from carefully selected vendors within the USA, and abroad. All acoustic felt is made from low-VOC, 60% recycled polyester felt material. Hardware, fasteners, and frame components are also made from recycled aluminum. Frames are custom ordered in standardized sizes to prevent waste in the supply chain.

All MPS products are free of allergens, irritants, and coatings/ sprays that degrade or give off VOC's. All acoustic materials also meet ASTM E84 Class A, Flame Spread 40.

Manufacturing

MPS utilizes lean manufacturing processes to be as efficient as possible throughout the fabrication process. Each project is custom plotted out in order to minimize waste and reduce machine time in an effort to reduce electricity consumption. Samples are also cut from scrap material. Machines are inspected on a regular interval to ensure optimal performance and minimal energy consumption. No water is used during the manufacturing process.

Waste Management

After the lean manufacturing process, remaining scraps are used as in-fill and packing material. We also minimize waste by using scrap panels as acoustic enhancers and spacers wherever applicable (non-visible support elements). Some remaining scraps are being saved for a future design project, and MPS is evaluating a recycling program for last remaining waste.

Packaging

MPS uses 100% recycled corrugated packaging materials. Also, rather than purchasing petroleum-based packaging/ padding, we remaining scrap materials to pack and pad products during shipment.

Shipping & Logistics

All shipments are carefully planned to maximize efficiency as much as possible. Shipments are bundled to reduce the number of freight pick-ups at our manufacturing facility. Rush deliveries are also kept to a minimum in an effort to reduce CO2 emission levels.

Product Maintenance

MPS baffles and panels are inherently easy to maintain. They can be wiped down with a damp cloth or vacuumed as needed. If a stain does appear, warm water and soap can be used to gently blot the area affected.

End of Life

Before you recycle, first consider re-use and let your kids make a fort or blocks out of unneeded panels. MPS baffles and panels are 100% recyclable at end of life. Aluminum frames can also be recycled.

HPD UNIQUE IDENTIFIER: 4621513311232
CLASSIFICATION: 09 50 00 Ceilings
PRODUCT TYPE: PET Acoustic Panel (Acoustical Ceiling)
PRODUCT DESCRIPTION: Polyethylene Terephthalate Acoustic Baffle System

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
<input type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed Partially	Characterize <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input type="radio"/> Completed Not	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>Provided name and CAS RN or other identifier.</i>

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY GREENSCREEN SCORE | HAZARD TYPE

MPS ACOUSTIC FELT [POLYETHYLENE TEREPHTHALATE]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [MixedRecycledContent]

Residuals / impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100ppm.

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 V1.2 (Section 01350/CHPS) -Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2024-10-17

PUBLISHED DATE: 2024-10-18

EXPIRY DATE: 2027-10-17

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

MPS ACOUSTIC FELT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals / impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100ppm.

OTHER PRODUCT NOTES: This HPD is provided solely for the intended recipient in connection with its assessment of products and for no other purpose.

POLYETHYLENE TEREPHTHALATE

ID: **Mixed Recycled Content**

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **100.0000**

GreenScreen: **Not Required**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

INGREDIENT DESCRIPTION: Polyethylene Terephthalate (PET) is a lightweight, durable polymer widely used in packaging, textiles, and acoustic panels due to its strength and recyclability.

ANALYTICAL TESTING: Supplier attestation with 3rd party testing supplied.

BATCH VARIATION: No, batches have very limited variation if any from shipment to shipment. Product is very stable and simple.

COUNTRY OF ORIGIN: China

MATERIAL CONTENT NOTES: Acoustic Panels: You could list the material role as "sound-absorbing material" or "structural component" within an acoustic panel.

Packaging: The role might be "packaging material" or "barrier material" for food and beverage containers.

Fibers or Textiles: You could describe it as "fiber material" or "fabric component" if used in textiles.

The specific data on residuals or impurities for the Polyethylene Terephthalate (PET) used in this product is not available due to limitations in the testing data provided by raw material suppliers. While PET is a widely used and well-characterized polymer, the suppliers have not conducted detailed analysis of trace residuals for this batch. Additionally, some data may be considered proprietary to the supplier. As a result, the information presented is based on typical values for PET production, regulatory standards, and known industry practices rather than specific measurements for this product.

This disclosure does not provide information on the potential presence of hazardous substances which may be found in certain mixed recycled materials.

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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: Third Party

ISSUE DATE: 2022-09-12

CERTIFIER OR LAB: Berkeley

APPLICABLE FACILITIES: USGBC LEED Version

00:00:00 EXPIRY DATE:

Analytical

4/4.1, The WELL Building Standard, WELL v2,

Feature X06, ANSI/BGI 01-2019 Green Globes

Assessment Protocol CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Finishings

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.

ADHESIVE

MANUFACTURER (OR GENERIC): **Adtech**

HPD URL: No HPD Available

ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Hot Melt adhesive is used to connect multiple layers of material together.

Section 5: General Notes

This HPD covers Polyethylene Terephthalate (PET), a versatile polymer used for Acoustic Paneling and Baffles. PET is known for its durability, recyclability, and chemical resistance.

MANUFACTURER INFORMATION

MANUFACTURER: **MPS Acoustics**
ADDRESS: **311 US 69 Trenton,**
Texas 75490
COUNTRY: **United States**

WEBSITE: **www.mpsacoustics.com**
CONTACT NAME: **Andy Vawter**
TITLE: **President**
PHONE: **866-557-8438**
EMAIL: **andy.v@mpsacoustics.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

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.