

HPD UNIQUE IDENTIFIER: 718832990208
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 09 23 13 Acoustical Gypsum Plastering
PRODUCT TYPE: Acoustical Wall Treatment
Acoustical Ceiling Treatment

PRODUCT DESCRIPTION: Pyrok Acoustement Plaster 40 is a 40 PCF (air-dried density) gypsum plaster/exfoliated vermiculite spray-applied formulation that is 100% free from asbestos, mineral fibers, polystyrene and cellulose. This product is highly abuse resistant (impact, abrasion) and allows substrates to breathe, and can be readily cleaned by a variety of methods. Use for interior renovation projects and interior new construction where abuse resistance is required, such as hotel lobbies, atriums, gymnasiums, manufacturing facilities, contact wall areas, and any other area requiring high abuse resistance and sound absorption qualities. Pyrok Acoustement Plaster 40 may also be used on suspended ceilings as a combination acoustical finish and decorative material depending on the structural configuration and building use. Custom integral coloration is available within the limits of iron oxide pigmentation.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Nested Materials Method	Completed in 1 of 1 Materials	
Threshold Disclosed Per	Explanation(s) provided for Residuals/Impurities?	Characterized
→ Material	Yes	Provided weight and role.
Threshold Level		Screened
→ 100 ppm		Provided screening results using HPDC-approved methods.
		Identified
		Provided name and CAS RN or other identifier.

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

ACOUSTEMENT PLASTER 40 [PLASTER OF PARIS NoGS
VERMICULITE NoGS PERLITE LT-UNK | EYE QUARTZ BM-1 * | CAN |
MAM | GEN BENZENESULFONIC ACID, MONO-C10-16-ALKYL
DERIVS., SODIUM SALTS LT-UNK | SKI | EYE CALCIUM MAGNESIUM
HYDROXIDE NoGS SODIUM SULFATE LT-UNK | MAM SODIUM
CHLORIDE LT-UNK | EYE]

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:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 3.0, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1 g/l Regulatory (g/l): <1 g/l
Does the product contain exempt VOCs: No
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.
VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)
LCA: Environmental Product Declaration (EPD) by Labeling Sustainability

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

ACOUSTEMENT PLASTER 40		%: 100.0000	
MATERIAL THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Geologically Derived Material	
RESIDUALS AND IMPURITIES NOTES: Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).			
OTHER MATERIAL NOTES: Percent by weight of substances reported as range in order to protect the proprietary nature of this formulation.			

PLASTER OF PARIS				ID: 26499-65-0
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-10 11:38:51	
%: 75.0000 - 80.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Synonym: Calcium sulfate hemihydrate				

VERMICULITE				ID: 1318-00-9
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-10 11:38:51	
%: 10.0000 - 15.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Supplier has confirmed that substance is 100% free from asbestos.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-10 11:38:52	
%: 5.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-10 11:38:53	
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**		
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**		
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)**		
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man**		
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**		
CAN	IARC	Group 1 - Agent is Carcinogenic to humans**		
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen**		
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]**		
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**		
CAN	GHS - New Zealand	Carcinogenicity category 1**		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**		
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**		
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**		
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1**		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Potential Impurity of various geological materials.		
**Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.		

BENZENESULFONIC ACID, MONO-C10-16-ALKYL DERIVS., SODIUM SALTS

ID: 68081-81-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-10-10 11:38:53		
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

CALCIUM MAGNESIUM HYDROXIDE

ID: 254-454-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-10-10 11:38:52		
%: 0.0000 - 0.1000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Antimicrobials		
SUBSTANCE NOTES: EC Number given by HPD Builder. CAS Number is 39445-23-3.				

SODIUM SULFATE

ID: 231-820-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-10 11:38:53	
%: 0.0000 - 0.0500	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Accelerator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: EC Number given by HPD Builder. CAS Number is 7757-82-6.				

SODIUM CHLORIDE				ID: 231-598-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-10 11:38:54	
%: 0.0000 - 0.0100	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: EC Number given by HPD Builder. CAS Number is 7647-14-5.				

Section 3: 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	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Environment COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: New Eagle, Pennsylvania, USA COMPLIANCE URL: https://www.acoustement.com/ COMPLIANCE NOTES: Test Report #: 1002425042-7526089. Product: Acoustement Plaster 40. Meets GREENGUARD (Office) and GREENGUARD Gold (Office and Classroom) criteria for TVOC (<0.5 mg/m3), Formaldehyde, Total Aldehydes, and CREL/TLV.	ISSUE DATE: 2024-08-30	EXPIRY DATE: 2029-08-30
VOC CONTENT	EPA Method 24 - Volatile Matter Content (EPA 24)	
COMPLIANCE TYPE: Self-declared CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: VTEC Laboratories, Inc. COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: New Eagle, Pennsylvania USA COMPLIANCE URL: http://www.acoustement.com COMPLIANCE NOTES: Determination of VOC Content in submitted Sample materials according to EPA Method-24 Protocols with LOD @ 110oC for TOTAL Volatiles and K-F moisture analysis to subtract to determine Total Volatile Organic compounds (VOCs). Results of the EPA Method-24 Testing: Total VOC Content equivalent to ~0.2 g/L.	ISSUE DATE: 2017-05-24	EXPIRY DATE: 2025-10-10
LCA	Environmental Product Declaration (EPD) by Labeling Sustainability	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Labeling Sustainability COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product Line APPLICABLE FACILITIES: New Eagle, Pennsylvania, USA COMPLIANCE URL: https://www.labelingsustainability.com/epd-registry/pyiacpepd00457r COMPLIANCE NOTES: EPD Number: PAIP10062025. Type III EPD in accordance with ISO 14025:2006 and ISO 21930:2017. Products: Acoustement 40 and Acoustement Plaster 40. Functional Unit: 1 m2 of acoustical insulation material with a thickness of 1", as installed. PCR: Product Category Rules for Building-Related Products and Services Published by UL Environment Part A: Life Cycle Assessment Calculation Rules and Report Requirements, UL 10010 v4.0, and Part B: Mechanical, Specialty, Thermal, and Acoustic Insulation Product EPD Requirements UL 10010-03. External verification. GWP (A1-A3): Acoustement 40: 6.2 kg CO2-eq; Acoustment Plaster 40: 16.2 kg CO2-eq.	ISSUE DATE: 2025-06-06	EXPIRY DATE: 2030-06-06

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 are required for this product.

Section 5: General Notes

Pyrok, Inc. recommends application of Pyrok Acoustement Plaster 40 be performed only by approved Pyrok applicators. An approved applicator list is available from Pyrok, Inc. Pyrok Acoustement Plaster 40 may be applied directly to gypsum wallboard, cement board and other clean, sound substrates. Contact Pyrok, Inc. for verification of compatibility with substrate and suitability of primer.

MANUFACTURER INFORMATION

MANUFACTURER: **Pyrok, Inc.**
ADDRESS: **121 Sunset Road**
Mamaroneck, NY 10543
COUNTRY: **USA**

WEBSITE: **www.acoustement.com**
CONTACT NAME: **Howard Podolsky**
TITLE: **Owner**
PHONE: **914-777-7070**
EMAIL: **howard@pyrok.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.