

HPD UNIQUE IDENTIFIER: 1281056768

HPD UNIQUE PRODUCT ID: Not provided.

CLASSIFICATION: 07 92 19 Acoustical Joint Sealants

PRODUCT DESCRIPTION: Pyrok's StarSilent Fix Adhesive is used to bind together the edges of the StarSilent Panels during installation of StarSilent Acoustical Systems. The result is a smooth, seamless, sound absorbing, durable plaster finish system for walls and ceilings. StarSilent Fix is delivered as a dry powder, and mixed to specification on-site. May also include the following MasterFormats: 09 51 00 Finishes: Acoustical Ceilings; 09 51 13 Finishes: Acoustical Panel Ceilings; 09 25 00 Finishes: Acoustical Plastering.

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 Yes
→ Material	Yes	Provided weight and role.
Threshold Level		Screened Yes
→ 100 ppm		Provided screening results using HPDC-approved methods.
		Identified No
		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

STARSILENT FIX [PLASTER OF PARIS NoGS LIMESTONE BM-3dg PERLITE LT-UNK] EYE UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | SKI | EYE UNDISCLOSED LT-UNK UNDISCLOSED BM-2 QUARTZ BM-1 * | CAN | MAM | GEN]

Number of Greenscreen BM-4/BM3 contents ... 1

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

COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified

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.

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 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

STARSILENT FIX

%: 100.0000 - 100.0000

MATERIAL THRESHOLD: 100 ppm
 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
 MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities known or expected to be present at or above the 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 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: 2025-10-21 13:24:58

%: 65.0000 - 75.0000
 GreenScreen: NoGS
 RC: None
 NANO: No
 SUBSTANCE ROLE: Binder

HAZARD TYPE

None found

LIST NAME AND SOURCE

WARNINGS

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

None found

LIST NAME AND SOURCE

NOTIFICATION

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

CALCIUM SULFATE

ID: 7778-18-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library
 HAZARD SCREENING DATE: 2025-10-21 13:24:59

%: 65.0000 - 75.0000 ALT
 GreenScreen: LT-UNK
 RC: None
 NANO: No
 SUBSTANCE ROLE: Binder

HAZARD TYPE

MAM

LIST NAME AND SOURCE

GHS - Japan

WARNINGS

H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]

ADDITIONAL LISTINGS

None found

LIST NAME AND SOURCE

NOTIFICATION

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to PLASTER OF PARIS.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-21 13:25:00	
%: 20.0000 - 25.0000	GreenScreen: BM-3dg	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: GreenScreen Benchmark® assessment score of BM-3dg was provided by the HPD Builder Tool.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-21 13:25:02	
%: 1.0000 - 5.0000	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:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-21 13:25:03	
%: 1.0000 - 5.0000	GreenScreen: LT-UNK	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: Supplier has shared substance identity in confidentiality; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-10-21 13:24:58	
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%: 0.1000 - 1.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Processing regulator

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
EYE	GHS - New Zealand	Serious eye damage category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Supplier has shared substance identity in confidentiality; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-10-21 13:25:00		
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
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 shared substance identity in confidentiality; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-10-21 13:25:02		
%: 0.1000 - 1.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
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 shared substance identity in confidentiality; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-10-21 13:25:03

%: 0.0000 - 1.0000

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 Plaster of Paris (26499-65-0). May also represent potential impurity present in other raw 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.

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	UL/GreenGuard Gold Certified	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Environment COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product Line APPLICABLE FACILITIES: All COMPLIANCE URL: https://spot.ul.com/ COMPLIANCE NOTES: UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. Product tested: StarSilent Acoustical System using StarSilent Acoustic Panel with Smooth Finish - Certificate Number 231325-420; or SuperFine Finish - Certificate Number: 231326-420 (StarSilent Fix not separately tested). GREENGUARD Gold Certified products comply with requirements of the state of California’s Department of Public Health (CDPH) “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2 (2017)”.	ISSUE DATE: 2020-06-02	EXPIRY DATE: 2026-06-02
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: APPLICABLE FACILITIES: Errenteria, Spain COMPLIANCE URL: COMPLIANCE NOTES: SCOPE: 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). Test Result: Equivalent to 0.1 g/l as VOC.	ISSUE DATE: 2017-04-18	EXPIRY DATE: 2025-10-21
LCA	Environmental Product Declaration (EPD) by Labeling Sustainability	

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Labeling

Sustainability

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Product Line

APPLICABLE FACILITIES: Acoustic insulation panels are produced in Europe, while Pyrok manages the warehousing operations prior to the distribution at its facility located in White, Georgia, USA.

COMPLIANCE URL:

https://www.labelingsustainability.com/epd-registry/pyiacpepd00472r

COMPLIANCE NOTES: EPD Number: AIPPRIN20250831.

Type III EPD in accordance with ISO 14025:2006 and ISO 21930:2017. Products: StarSilent Smooth (25mm, 15mm, 10mm); StarSilent Superfine (25mm, 15mm, 10mm).

Declared unit: 0.093 m2 (1 square foot) of acoustic insulation plaster with thicknesses as specified in Table 1 of EPD. 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: Non-Metal Ceiling and Interior Wall Panel System EPD Requirements, version 2. External verification. GWP (A1-A3) for both StarSilent Smooth and StarSilent Superfine ranges from 0.226 kg CO2-eq (10mm) to 0.515 kg CO2-eq (25mm).

+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.

STARSILENT PANEL

MANUFACTURER (OR GENERIC): Pyrok, Inc.

HPD URL: https://hpdrepository.hpd-collaborative.org/
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Required for installation of StarSilent Smooth and Superfine Acoustical Systems.

STARSILENT PLAN

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Filler used during installation of StarSilent Superfine Acoustical System.

STARSILENT BASE COAT PLASTER

MANUFACTURER (OR GENERIC): Pyrok, Inc.

HPD URL: https://www.hpd-collaborative.org/hpd-public-repository/
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Plaster required for installation of StarSilent Smooth Acoustical System.

STARSILENT FINISH COAT PLASTER

MANUFACTURER (OR GENERIC): Pyrok, Inc.

HPD URL: <https://www.hpd-collaborative.org/hpd-public-repository/>
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Plaster required for installation of StarSilent Smooth Acoustical System.

STARSILENT SUPERFINE PLASTER
MANUFACTURER (OR GENERIC): **Pyrok, Inc.**

HPD URL: <https://www.hpd-collaborative.org/hpd-public-repository/>
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Plaster required for installation of StarSilent Superfine Acoustical System.

FRAMING SYSTEM
MANUFACTURER (OR GENERIC): **Generic**

HPD URL: No HPD available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: StarSilent Acoustical Systems utilize the following framing systems: 1-1/2 inch cold rolled channel with 7/8 inch hat channel; T-bar grid system, preferably an exterior stucco/plaster T-bar grid system; Metal stud or wood framing.

 Section 5: General Notes

Pyrok's StarSilent Acoustical Plaster System is a smooth, seamless, sound absorbing, durable plaster finish system for walls and ceilings. The StarSilent System utilizes sound panels composed of up to 96% post-consumer recycled crushed glass bottles. The panels are attached to rigid metal framing with zinc coated drywall screws, and the edges of the panels are glued together using StarSilent Fix Adhesive, which is also spread over the screw heads. StarSilent Fix Adhesive requires overnight drying, with minimum temperatures maintained at 50 degrees Fahrenheit or higher. After light sanding, the panels are coated first with StarSilent Base Coat Plaster, and then StarSilent Finish Coat Plaster is applied to achieve a smooth, seamless, sound absorbing, durable plaster finish system for walls and ceilings.

MANUFACTURER INFORMATION

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

WEBSITE: **www.starsilent.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.