

CLASSIFICATION: 09 23 00 Finishes: Gypsum Plastering

created via: HPDC Online Builder

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

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities Considered in 1 of 1 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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

ACOUSTEMENT PLASTER 40 [PLASTER OF PARIS (PLASTER OF PARIS) **NoGS** VERMICULITE (VERMICULITE) **NoGS** PERLITE (PERLITE) **LT-UNK** (C10-C16) ALKYL BENZENESULFONIC ACID SODIUM SALT ((C10-C16) ALKYL BENZENESULFONIC ACID SODIUM SALT) **LT-UNK** CALCIUM MAGNESIUM HYDROXIDE (CALCIUM MAGNESIUM HYDROXIDE) **NoGS** QUARTZ (QUARTZ) **LT-1** | CAN]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD is consistent with the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.2 Regulatory (g/l):
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-11-01
PUBLISHED DATE: 2017-11-01
EXPIRY DATE: 2020-11-01

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

ACOUSTEMENT PLASTER 40

%: 100.0000 - 100.0000

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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 disclosure letters, supplier SDS, 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 (PLASTER OF PARIS)

ID: 26499-65-0

%: 70.0000 - 80.0000

GS: NoGS

RC: None

NANO: No

ROLE: Substrate; Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

VERMICULITE (VERMICULITE)

ID: 1318-00-9

%: 10.0000 - 20.0000

GS: NoGS

RC: None

NANO: No

ROLE: Filler; Extender

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Supplier has confirmed that substance is 100% free from asbestos.

PERLITE (PERLITE)

ID: 93763-70-3

%: 1.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Filler; Extender

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

(C10-C16) ALKYL BENZENESULFONIC ACID SODIUM SALT ((C10-C16) ALKYL BENZENESULFONIC ACID SODIUM SALT)

ID: 68081-81-2

#: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Surfactant**

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

CALCIUM MAGNESIUM HYDROXIDE (CALCIUM MAGNESIUM HYDROXIDE)

ID: 39445-23-3

#: **0.1000 - 1.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Plaster Retarder**

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Synonym: Hydrated dolomitic lime

QUARTZ (QUARTZ)

ID: 14808-60-7

#: **Impurity/Residual** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: Potential impurity of raw materials. Quartz is one of several compounds with warnings restricted to respirable forms (Silica, crystalline - airborne particles of respirable size). Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including those with Form-Specific Hazards such as Quartz/Silica. This HPD will be updated as appropriate when these guidelines become available.

Section 3: Certifications and Compliance

This section lists applicable certification 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 CONTENT

EPA Method 24 - Volatile Matter Content (EPA 24)

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2017-05-

EXPIRY DATE:

CERTIFIER OR LAB: VTEC

APPLICABLE FACILITIES: All

24

Laboratories, Inc.

CERTIFICATE URL:

CERTIFICATION AND 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.

+ 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.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Pyrok, Inc.**

ADDRESS: **121 Sunset Road**

Mamaroneck NY 10543, USA

WEBSITE: **www.acoustement.com**

CONTACT NAME: **Howard Podolsky**

TITLE: **Owner**

PHONE: **914-777-7070**

EMAIL: **howard@pyrok.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

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

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.