

FINE 3000 CORE-FILL GROUT by Package Pavement - Spec Mix ®

Health Product Declaration v2.0

CLASSIFICATION: 04 05 16 MASONRY GROUTING

created via: HPDC Online
Builder

PRODUCT DESCRIPTION: SPEC MIX® FINE 3000 CORE FILL GROUT IS USED TO FILL CELLS OF CONCRETE MASONRY UNITS AND HORIZONTAL BOND BEAMS AS WELL AS THE CAVITIES OF COMPOSITE MASONRY CONSTRUCTION. OUR FINE 3000 GROUT, SOLD UNDER THE SPEC MIX AND PACKAGE PAVEMENT BRANDS, IS A DRY, PRE-BLENDED PRODUCT CONTAINING PORTLAND CEMENT AND DRIED FINE AGGREGATES FORMULATED FOR SUPERIOR FLOW TO FILL MASONRY VOIDS AND PROVIDE OPTIMAL COMPRESSIVE STRENGTH WHILE MEETING ASTM C-476 PROPERTY REQUIREMENTS FOR REINFORCED MASONRY CONSTRUCTION (ASTM C-476 SECTION 4.2.1.2).

Section 1: Summary

CONTENT INVENTORY

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

Residuals and impurities considered in 0 of 2 materials

- see Section 2: Material Notes
- see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

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.

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:

Please note that the BM-1 warning, (LT-1) that is applied to Quartz Sand used in all ASTM C-476 conforming products, applies to this product only in its dry form, when not activated by water. This warning is to be observed during mixing with water or when aggravated during (including but not limited to, cutting, drilling, chipping, crushing or milling.) Once this grout has been thoroughly mixed with water the primary risk of silica dust is diffused, as is the case with other quartz products, like countertops, or windows.

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

FINE 3000 CORE FILL GROUT [QUARTZ **LT-1** | CAN] GRAY PORTLAND CEMENT - TYPE I/II (CAS# 65997-15-1) [TRICALCIUM SILICATE **LT-UNK** DICALCIUM SILICATE **LT-UNK** CALCIUM ALUMINATE **LT-UNK** LIMESTONE; CALCIUM CARBONATE **LT-UNK** GYPSUM **LT-UNK**]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: February 3, 2017	EXPIRY DATE*: February 3, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 24, 2017	* or within 3 months of significant change in product contents

*See HPDC website for details



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

FINE 3000 CORE FILL GROUT

HPD URL: %: 100.0000 - 100.0000

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Pre-Blended Grout Product composed of Concrete Sand & Portland Cement.

QUARTZ

ID: 14808-60-7

%: 70.0000 - 78.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Fine Aggregate

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

SUBSTANCE NOTES: Risk is associated with dust exposure during mixing of the dry product. There is no evidence of risk once the product is activated with water and cured in place.

GRAY PORTLAND CEMENT - TYPE I/II (CAS# 65997-15-1)

HPD URL: %: 22.0000 - 30.0000

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification. Portland Cement can cause serious chemical burns to skin, eyes, and lungs. Proper safety gear and protection must be worn during handling, mixing and application.

TRICALCIUM SILICATE

ID: 12168-85-3

%: 12.3000 - 14.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Cement - Raw Material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DICALCIUM SILICATE

ID: 10034-77-2

%: 4.6000 - 6.5000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Cement - Raw Material
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CALCIUM ALUMINATE

ID: 12042-78-3

%: 2.6000 - 4.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Cement - Raw Material
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 2.0000 - 3.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Cement - Raw Material
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

GYPSUM

ID: 13397-24-5

%: 0.5000 - 2.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Cement - Raw Material
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**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.

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.

Section 5: General Notes

Our Fine 3000 Core-Fill Grout is crafted to meet or exceed the property specifications of ASTM C-476 (Section 4.2.1.2). Prior to use, the user must be made aware of the risks of silica dust, and the chemical risks associated with exposure of Portland cement and lime, which can cause serious damage to skin, eyes and lungs. Proper safety gear must be used, including waterproof safety gloves and work boots, an ANSI approved dust mask and eye protection and long sleeve shirt to avoid exposure.



MANUFACTURER INFORMATION

MANUFACTURER: Package Pavement - Spec Mix

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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

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

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

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

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.