

CLASSIFICATION: 09 32 00 MORTAR BED TILING

PRODUCT DESCRIPTION: PACKAGE PAVEMENT® Screed Mix is a uniformly blended mixture of Sand and Portland Cement. It is suitable for use as a dry pack mortar bed, up to 2" in thickness, which facilitates accurate slopes or planes for finished tile work on floors.

Section 1: Summary

Nested Method / Product 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 2 Materials

Explanation(s) provided
for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
All substances disclosed by Name (Specific or Generic) and 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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

5 TO 1 SCREED MIX [QUARTZ (QUARTZ - SAND) 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]

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 this product, 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 mix has been thoroughly mixed with water the primary risk of silica dust is diffused, as is the case with other quartz based products, like countertops, glassware or paints and coatings.

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: Not Applicable

Recycled content: Geocycle - Waste Reduction

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-02-14

PUBLISHED DATE: 2020-02-18

EXPIRY DATE: 2023-02-14



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

5 TO 1 SCREED MIX

#: 100.00 - 100.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The Materials Contained Herein are from Blended Raw Materials

OTHER MATERIAL NOTES: Made up of a composite blend of portland cement and graded sand.

QUARTZ (QUARTZ - SAND)

ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-02-14

#: 78.00 - 85.00

GS: LT-1

RC: None

NANO: No

ROLE: Aggregate

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
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	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: This Substance is a graded quartzite sand

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

#: 15.00 - 22.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: There are no known impurities below the listed 1000 ppm on this substance

OTHER 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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-02-14**

#: **8.00 - 10.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Cement - Raw Material Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **A component of Portland Cement**

DICALCIUM SILICATE

ID: 10034-77-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-02-14**

#: **3.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Cement - Raw Material Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **A Component of Portland Cement**

CALCIUM ALUMINATE

ID: 12042-78-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-02-14**

#: **1.50 - 3.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Cement - Raw Material Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **A Component of Portland Cement**

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-02-14**

#: **0.50 - 2.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Cement - Raw Material Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Component of Portland Cement**

GYP SUM

ID: **13397-24-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-02-14**

#: **0.50 - 2.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Cement - Raw Material Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **A Component of Portland Cement**

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

Not Applicable

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE: **2023-**

CERTIFIER OR LAB: **Self**

APPLICABLE FACILITIES: **All**

02-14

02-14

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

RECYCLED CONTENT

Geocycle - Waste Reduction

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE: **2023-**

CERTIFIER OR LAB: **LaFarge-**

APPLICABLE FACILITIES: **Stormville, NY and Ravena,**

02-14

02-14

Holcim NA

NY

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Our Portland Cement Contains 6.8% Recycled Product.**

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

Our 5 to 1 Screed mix is crafted with quality ingredients to be used for applications as a mortar bed for tile installation following ANSI A108.1B. 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**

ADDRESS: **3530 Route 52**

Stormville NY 12582, USA

WEBSITE: **www.packagepavement.com**

CONTACT NAME: **John J Doherty**

TITLE: **VP - Communications**

PHONE: **800-724-8193 ext. 312**

EMAIL: **jd@packagepavement.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.