

HPD UNIQUE IDENTIFIER: 26567

CLASSIFICATION: 09 32 00 Mortar-Bed Tiling

PRODUCT DESCRIPTION: PACKAGE PAVEMENT® 4:1 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

<b>Inventory Reporting Format</b>	<b>Threshold Level</b>	<b>Residuals/Impurities</b>	<i>All Substances Above the Threshold Indicated Are:</i>
<input checked="" type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input type="radio"/> Considered	<b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input checked="" type="radio"/> Not Considered	<i>% weight and role provided for all substances.</i>
<b>Threshold Disclosed Per</b>	<input type="radio"/> Per GHS SDS	<b>Explanation(s) provided for Residuals/Impurities?</b>	<b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input checked="" type="radio"/> Product			<b>Identified</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>

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**  
**4 TO 1 SCREED MIX [ QUARTZ (QUARTZ SAND) BM-1 | CAN**  
**PORTLAND CEMENT LT-P1 | CAN | END ]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Please note that the BM-1 warning that is applied to the 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

Material (g/l): 0.0 Regulatory (g/l): 0.0  
Does the product contain exempt VOCs: No  
Are ultra-low VOC tints available: No

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Not Applicable  
VOC content: 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: 2021-11-15

PUBLISHED DATE: 2021-11-15

EXPIRY DATE: 2024-11-15

*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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)*

**4 TO 1 SCREED MIX**

**%: 100.0000 - 100.0000**

PRODUCT THRESHOLD: 100 ppm    RESIDUALS AND IMPURITIES CONSIDERED: No    MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: This Material Is a Composite of Geologically Derived Materials and To Our Knowledge Contains No Impurities

OTHER MATERIAL NOTES: All substances in this material are below the reportable threshold.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-15 9:17:23**

%: **75.0000 - 80.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	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	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]

**SUBSTANCE NOTES:** This product is a naturally mined material that can contain silica dust, caution must be used during the application of this product to prevent exposure. Use in a well ventilated area and wear proper PPE including, dust mask, safety goggles, gloves, and long sleeve shirt and long pants to help prevent exposure.

PORTLAND CEMENT

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-15 9:17:24**

%: **20.0000 - 25.0000** GS: **LT-P1** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

**SUBSTANCE NOTES:** This substance can cause burns to the lungs, eyes and skin so need to wear proper PPE during the application process. This includes a dust mask, safety goggles, gloves and a long sleeve shirt, and long pants to prevent exposure.

## 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: 2021-11-15	EXPIRY DATE: 2024-11-15	CERTIFIER OR LAB: Self
APPLICABLE FACILITIES: Stormville, NY and Ravena, NY			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: This product is not required to undergo emissions as does not contain substances which generate VOCs			

  

VOC CONTENT	Not Applicable		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-11-15	EXPIRY DATE: 2024-11-15	CERTIFIER OR LAB: Self Declared
APPLICABLE FACILITIES: Stormville, NY & Ravena, NY			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: This product is not required to undergo emissions as does not contain substances which generate VOCs			

  

RECYCLED CONTENT	Geocycle - Waste Reduction		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-02-17	EXPIRY DATE: 2024-02-17	CERTIFIER OR LAB: LaFarge-Holcim NA
APPLICABLE FACILITIES: Stormville, NY and Ravena, NY			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Our Portland Cement Contains 7.4% 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 4 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

*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**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> No GreenScreen.

**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.*