

HPD UNIQUE IDENTIFIER: 22984

CLASSIFICATION: 04 05 13 Masonry Mortaring

PRODUCT DESCRIPTION: SPEC MIX® PORTLAND LIME & SAND TYPE S MORTAR (PCL) IS A DRY PRE-BLENDED MORTAR MIX CONTAINING PORTLAND CEMENT, HYDRATED LIME AND DRIED MASONRY SAND FORMULATED FOR SUPERIOR BOND, WATER RETENTION AND BOARD LIFE. OUR TYPE N MORTARS, SOLD UNDER THE SPEC MIX AND PACKAGE PAVEMENT BRANDS, COMPLY WITH ASTM C 270 AND ASTM C 1714 REQUIREMENTS. SPEC MIX TYPE S MORTAR IS AVAILABLE IN STANDARD OR CUSTOM COLORS AS WELL AS CUSTOM MIX DESIGNS FOR SPECIFIC APPLICATIONS OR PROPERTIES.

**Section 1: Summary**

**Nested Method / Product Threshold**

**CONTENT INVENTORY**

<b>Inventory Reporting Format</b> <input checked="" type="radio"/> Nested Materials Method <input type="radio"/> Basic Method  <b>Threshold Disclosed Per</b> <input type="radio"/> Material <input checked="" type="radio"/> Product	<b>Threshold level</b> <input type="radio"/> 100 ppm <input checked="" type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other	<b>Residuals/Impurities</b> Residuals/Impurities Considered in 1 of 1 Materials  <b>Explanation(s) provided for Residuals/Impurities?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No	<i>All Substances Above the Threshold Indicated Are:</i>  <b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>% weight and role provided for all substances.</i>  <b>Screened</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No <i>One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.</i>  <b>Identified</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>
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**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**  
**TYPE S MORTAR - COLORED [ QUARTZ (QUARTZ - SAND) LT-1 |**  
**CAN PORTLAND CEMENT LT-P1 | END | CAN DOLOMITIC HYDRATED**  
**LIME - TYPE S Not Screened FERRIC OXIDE (FERRIC OXIDE (IRON**  
**OXIDE PIGMENTS)) BM-1 | CAN ]**

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:**

The primary binders of this preblended mortar, Portland Cement and Hydrated Lime are deconstructed to list the raw materials used for producing these material components of mortar. Please note that the LT-1 (BM-1) warning that is applied to Quartz Sand used in all ASTM C270 specified mortar mixes, only applies to this product in its dry form when handled, mixed with water for placement or aggravated during demolition (including but not limited to, cutting, drilling, chipping, crushing or milling). Once the mortar has cured in place the primary risk of silica dust is diffused, as is the case with quartz countertops and glass windows.

**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: N/A

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

VOC emissions: Self Declared  
VOC content: Self Declared

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified? <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2020-11-20 PUBLISHED DATE: 2020-11-20 EXPIRY DATE: 2023-11-20
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## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### TYPE S MORTAR - COLORED %: 100.0000

PRODUCT THRESHOLD: 1000 RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Other: Composite Blended Material ppm

RESIDUALS AND IMPURITIES NOTES: This product is a composite of naturally mined and processed materials. Blending is done at our factory where the composite of sand, cement, lime and pigments are added to form the finished product.

OTHER MATERIAL NOTES: Pre-Blended Product Composed of Mason Sand, Portland Cement and Hydrated Lime. Total Pre-Consumer Recycled Content is 1.7%.

### QUARTZ (QUARTZ - SAND)

ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-20

%: 70.0000 - 80.0000 GS: LT-1 RC: None NANO: No SUBSTANCE ROLE: Filler

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: 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.

### PORTLAND CEMENT

ID: 65997-15-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-11-20

%: 16.0000 - 20.0000 GS: LT-P1 RC: PreC NANO: No SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: This substance contains 8.6% Pre-Consumer Recycled Content

**DOLOMITIC HYDRATED LIME - TYPE S**

ID: **Not Registered**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-11-20</b>			
%: <b>3.5000 - 5.0000</b>	GS: <b>Not Screened</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: There are no known impurities in this substance

**FERRIC OXIDE (FERRIC OXIDE (IRON OXIDE PIGMENTS))**

ID: **1309-37-1**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-11-20</b>			
%: <b>0.1000 - 1.9800</b>	GS: <b>BM-1</b>	RC: <b>PostC</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Dye</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Has 95% - Post Consumer Recycled Content

## 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	Self Declared		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-11-	EXPIRY DATE: 2023-	CERTIFIER OR LAB: Self
APPLICABLE FACILITIES: Stormville, NY / Ravena, NY	20	11-20	
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: This Product Does Not Emit Measurable VOC's.			

VOC CONTENT	Self Declared		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-11-	EXPIRY DATE: 2023-	CERTIFIER OR LAB: Self
APPLICABLE FACILITIES: Stormville, NY / Ravena NY	20	11-20	
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: This Product Does Not Contain VOC's.			

## 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

This product is crafted to meet or exceed the specifications of ASTM C270 and CSA A179 when mixed and used in accordance with industry standards and practices. 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:** 675 Leetown Rd  
**P.O. Box 408**  
**Stormville New York 12582, United States**  
**WEBSITE:** www.packagepavement.com

**CONTACT NAME:** John J. Doherty  
**TITLE:** Vice President  
**PHONE:** 8007248193  
**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.*