# PERMAX ROOF GRANULES by Henry Company

**Health Product Declaration v2.1** 

CLASSIFICATION: 07 70 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: PERMAX Roof Granules are white, cleaned and washed calcite granules.

# Section 1: Summary

### **Nested Method / Product Threshold**

#### **CONTENT INVENTORY**

**Inventory Reporting Format** 

Nested Materials Method

C Basic Method

Threshold Disclosed Per

Material

Product

Threshold level

€ 100 ppm

C 1,000 ppm Per GHS SDS

C Per OSHA MSDS

C 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

Screened

Identified

Yes No

Percent Weight and Role Provided?

Yes No

Using Priority Hazard Lists with

Results Disclosed?

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

ROOFING GRANULES [ LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE (CALCITE)) LT-UNK QUARTZ (QUARTZ) LT-1 | CAN IRON OXIDE (IRON OXIDE) 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:

None

#### **VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

No certifications have been added to this HPD.

#### **CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

No

PREPARER: Self-Prepared

VERIFIER: C Yes

**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

#### **ROOFING GRANULES**

%: 100.0000 - 100.0000

HPD URL: https://builder-2.hpd-collaborative.org/records/3926

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities considered down to 100 ppm

OTHER MATERIAL NOTES: None

#### LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE (CALCITE))

ID: 1317-65-3

%: 90.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: <b>No</b>	ROLE: <b>Granularity</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

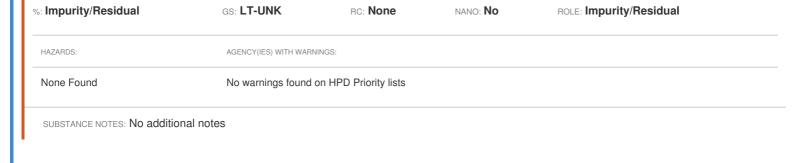
SUBSTANCE NOTES: Present in a sieve size of 10-20 mesh. Little or no respirable fraction as supplied.

**QUARTZ (QUARTZ)** ID: 14808-60-7

%: Impurity/Residual	GS: <b>LT-1</b>	RC: None	nano: <b>No</b>	ROLE: Impurity/Residual		
HAZARDS:	AGENCY(IES) WITH	AGENCY(IES) WITH WARNINGS:				
CANCER	US CDC - Occ	US CDC - Occupational Carcinogens Occupational Carcinogen		tional Carcinogen		
CANCER	CA EPA - Prop	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 - Repo	US NIH - Report on Carcinogens		Known to be Human Carcinogen (respirable size - occupational setting)		
CANCER	MAK		Carcino	Carcinogen Group 1 - Substances that cause cancer in man		
CANCER	New Zealand -	GHS	6.7A - K	6.7A - Known or presumed human carcinogens		
CANCER	Australia - GHS	3	H350 - I	H350 - May cause cancer		

SUBSTANCE NOTES: No additional notes

**IRON OXIDE (IRON OXIDE)** ID: 1332-37-2



# 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.



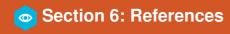
### Section 4: Accessories

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.

No accessories are required for this product.



No additional notes



#### MANUFACTURER INFORMATION

MANUFACTURER: Henry Company ADDRESS: 999 N. Sepulveda Blvd.

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OSHA MSDS

Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS

Globally Harmonized System of Classi cation 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 Unspeci ed (insu cient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1 **LT-1** List Translator Likely Benchmark 1

 $\textbf{LT-UNK} \ List \ Translator \ Benchmark \ Unknown \ (insufficient \ information$ 

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 produc

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.