

CLASSIFICATION: 07 26 16.00

PRODUCT DESCRIPTION: PRO-GRADE 161 LOW TEMP ALL WEATHER FLASHING CEMENT IS A MULTI-PURPOSE WET/DRY ROOF CEMENT FORMULATED FOR THE CONTRACTOR THAT CAN'T BE SLOWED BY THE WEATHER. WITH UNMATCHED ADHESION TO BOTH WET AND DRY SURFACES, PRO-GRADE 161 CAN BE APPLIED ON THE VERTICAL AND WILL NOT SAG, SLIP OR MUD-CRACK. THIS ALL-WEATHER APPLICATION FLASHING CEMENT IS BLENDED TO ASSURE MAXIMUM RESISTANCE TO WEATHERING WHILE PROVIDING EASE OF APPLICATION BY TROWEL. IT IS A SOFT, ALL TEMPERATURE, PLIABLE MATERIAL THAT GRADUALLY HARDENS TO A FLEXIBLE, DURABLE AND WATERTIGHT FILM. PRO-GRADE 161 IS FORMULATED WITH GEL TECHNOLOGY TO IMPROVE WORKABILITY AND ENSURE A CLEAN BREAK OUT OF THE BUCKET.

Section 1: Summary

CONTENT INVENTORY

| | | | |
|--|---|---|---|
| Threshold per material | Residuals and impurities considered in 1 of 1 materials | Based on the selected Content Inventory Threshold: | |
| <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> see Section 2: | Characterized..... | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> 1,000 ppm | <input checked="" type="radio"/> Material Notes | Are the Percent Weight and Role provided for all substances? | |
| <input type="radio"/> Per GHS SDS | <input checked="" type="radio"/> see Section 5: | Screened..... | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Per OSHA MSDS | <input checked="" type="radio"/> General Notes | Are all substances screened using Priority Hazard Lists with results disclosed? | |
| <input type="radio"/> Other | | Identified..... | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| | | Are 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.

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen Benchmark or List translator Score..... BM-1
 Nanomaterial..... No

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

FLASH 906 [ASPHALT **LT-1** | CAN SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC **LT-UNK** | MAM CELLULOSE, MICROCRYSTALLINE **UNK** ATTAPULGITE **LT-1** | CAN AROMATIC NAPHTHA, TYPE 1 **LT-1** | CAN | GEN | MAM | MUL LIMESTONE; CALCIUM CARBONATE **LT-UNK** XYLENES **BM-1** | MAM | SKI | END | MUL 1,2,4-TRIMETHYLBENZENE **BM-2** | MAM | EYE | SKI | AQU | MUL QUARTZ **LT-1** | CAN]

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): Regulatory (g/l): 300
 Does the product contain exempt VOCs: No
 Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

| | | | |
|--|-----------------|----------------------------------|--|
| <input checked="" type="radio"/> Self-Published* | VERIFIER: | SCREENING DATE: January 18, 2017 | EXPIRY DATE*: January 19, 2020 |
| <input type="radio"/> Third Party Verified | VERIFICATION #: | RELEASE DATE: January 19, 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.

FLASH 906

%: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: Yes

Material Notes:

ASPHALT

ID: 8052-42-4

%: 40.0000 - 60.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Waterproofing/Flexibility

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES:

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC

ID: 64742-88-7

%: 20.0000 - 30.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Solvent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

ORGAN TOXICANT

EU - GHS (H-Statements)

H372 - Causes damage to organs through prolonged or repeated exposure

SUBSTANCE NOTES:

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

%: 5.0000 - 10.0000

GS: UNK

RC: None

NANO: NO

ROLE: Thixotrope

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ATTAPULGITE

ID: 12174-11-7

?: 5.0000 - 10.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Thixotrope

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: Not present in a respirable form

AROMATIC NAPHTHA, TYPE 1

ID: 64742-95-6

?: 1.0000 - 5.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Solvent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R45 - May cause cancer

GENE MUTATION

EU - R-phrases

R46 - May cause heritable genetic damage

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

GENE MUTATION

EU - GHS (H-Statements)

H340 - May cause genetic defects

CANCER

EU - GHS (H-Statements)

H350 - May cause cancer

CANCER

EU - REACH Annex XVII CMRs

Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

GENE MUTATION

EU - REACH Annex XVII CMRs

Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

GENE MUTATION

EU - Annex VI CMRs

Mutagen - Category 1B

SUBSTANCE NOTES:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

| | | | | |
|--------------------|------------|----------|----------|--------------|
| %: 1.0000 - 5.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Filler |
|--------------------|------------|----------|----------|--------------|

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

XYLENES

ID: 1330-20-7

| | | | | |
|----------------------|----------|----------|----------|-------------------------|
| %: Impurity/Residual | GS: BM-1 | RC: None | NANO: NO | ROLE: Impurity/Residual |
|----------------------|----------|----------|----------|-------------------------|

HAZARDS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R21 - Harmful in Contact with Skin

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

1,2,4-TRIMETHYLBENZENE

ID: 95-63-6

| | | | | |
|----------------------|----------|----------|----------|-------------------------|
| %: Impurity/Residual | GS: BM-2 | RC: None | NANO: NO | ROLE: Impurity/Residual |
|----------------------|----------|----------|----------|-------------------------|

HAZARDS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

ACUTE AQUATIC

EU - R-phrases

R51 - Toxic to Aquatic Organisms

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

QUARTZ

ID: 14808-60-7

?: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

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: Not present in a respirable form.



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



MANUFACTURER INFORMATION

MANUFACTURER: Henry Company

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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.