Henry 788 Non-Fibered Asphalt Emulsion Damproofing
by Henry Company

CLASSIFICATION: 07 26 16.00

PRODUCT DESCRIPTION: HE788 - NON-FIBERED ASPHALT EMULSION DAMPROOFING IS DESIGNED FOR DAMPROOFING THE EXTERIOR SIDE OF BELOW GRADE FOUNDATIONS AND WALLS. ABOVE GRADE, HE788 - NON-FIBERED ASPHALT EMULSION DAMPROOFING PROVIDES A MOISTURE BARRIER USED FOR DAMPROOFING THE EXTERIOR WALLS IN CAVEY WALL CONSTRUCTION. MADE FROM SELECTED ASPHALT, EMULSIFIED WITH BENTONITE CLAY AND WATER. IT CONTAINS NO SOLVENTS.

Section 1: Summary

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Threshold per material</th>
<th>Residuals and impurities considered in 1 of 1 materials</th>
<th>Are the Percent Weight and Role provided for all substances?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td></td>
<td>Screened</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,000 ppm</td>
<td></td>
<td>Are all substances screened using Priority Hazard Lists with results disclosed?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td></td>
<td>Identiﬁed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td></td>
<td>Are all substances disclosed by Name (Speciﬁc or Generic) and Identifier?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Based on the selected Content Inventory Threshold:

Characterized

Are the Percent Weight and Role provided for all substances?

Screened

Are all substances screened using Priority Hazard Lists with results disclosed?

Identified

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE
-------- | -------- | --------------------- | ----------------- | --------
HENRY 788 NON-FIBERED ASPHALT EMULSION DAMPROOFING | ASPHALT LT-1 | CAN | PBT WATER BM-4 BENTONITE LT-UNK QUARTZ LT-1 | CAN |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0

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.

Self-Published* | VERIFIER: | SCREENING DATE: December 1, 2016 | EXPIRY DATE*: December 2, 2019
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Third Party Verified | VERIFICATION #: | RELEASE DATE: December 2, 2016 | * 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.

<table>
<thead>
<tr>
<th>Material</th>
<th>Inventory Threshold: 100 ppm</th>
<th>HPD URL: 100.0000 - 100.0000</th>
<th>Residuals Considered: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HENRY 788 NON-FIBERED ASPHALT EMULSION DAMPROOFING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Material Notes:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ASPHALT</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID: 8052-42-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>%: 40.0000 - 60.0000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS: LT-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RC: None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NANO: NO</td>
<td></td>
<td></td>
<td>ROLE: Waterproofing膜</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
<td></td>
</tr>
<tr>
<td>PBT</td>
<td>WA DoE - PBT</td>
<td>PBT</td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Reasonably Anticipated to be Human Carcinogen</td>
<td></td>
</tr>
<tr>
<td>PBT</td>
<td>OSPAR - Priority PBTs &amp; EDs &amp; equivalent concern</td>
<td>PBT - Chemical for Priority Action</td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 2 - Considered to be carcinogenic for man</td>
<td></td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td></td>
<td></td>
<td>Asphalt is not used in road paving applications</td>
</tr>
<tr>
<td><strong>WATER</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID: 7732-18-5</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>%: 40.0000 - 50.0000</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>GS: BM-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RC: None</td>
<td></td>
<td></td>
<td>NANO: NO ROLE: Solvent</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BENTONITE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID: 1302-78-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>%: 1.0000 - 5.0000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS: LT-UNK</td>
<td></td>
<td></td>
<td>NANO: NO ROLE: Thixotrope</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Henry 788 Non-Fibered Asphalt Emulsion Damproofing Health Product Declaration Page 2 of 4 created via: HPDC Online Builder www.hpd-collaborative.org*
None Found

No warnings found on HPD Priority lists

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  IARC  Group 1 - Agent is Carcinogenic to humans

CANCER  US CDC - Occupational Carcinogens  Occupational Carcinogen

CANCER  CA EPA - Prop 65  Carcinogen (form-specific or based on limited exposure pathways)

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: Quartz is bound in this material and exposure is not likely during use.

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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.

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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.

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Section 5: General Notes
MANUFACTURER INFORMATION

MANUFACTURER: Henry Company
ADDRESS: 999 N. Sepulveda Blvd Suite 800
El Segundo, CA 90245
USA
WEBSITE: www.henry.com

CONTACT NAME: Whitney Randall
TITLE: Director, Regulatory Compliance Systems
PHONE: 484-557-1247
EMAIL: wrandall@henry.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)
- 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.