Product Description: 790-11EV is an environmentally friendly, hot applied, rubberized asphalt formulated to provide a monolithic fully bonded roofing and waterproofing membrane. It is hot poured in a single or fabric reinforced application. 790-11EV is composed of a specially selected blend of refined asphalts, synthetic rubber and mineral stabilizers and contains at least 25% post consumer recycled content. It is modified with additives to promote adhesion and improve low temperature flexibility.

Content Inventory

<table>
<thead>
<tr>
<th>Threshold per material</th>
<th>Residuals and impurities considered in 1 of 1 materials</th>
<th>see Section 2: Material Notes</th>
<th>see Section 5: General Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,000 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Based on the selected Content Inventory Threshold:

- Characterized: Yes
- Are the Percent Weight and Role provided for all substances?: Yes
- Screened: Yes
- Are all substances screened using Priority Hazard Lists with results disclosed?: Yes
- Identified: Yes
- Are all substances disclosed by Name (Specific or Generic) and Identifier?: Yes

In descending order of quantity:

- Asphalt LT-1
- Calcium carbonate LT-UNK
- Solvent-dewaxed heavy paraffinic petroleum distillates LT-1
- Styrene butadiene rubber (SBR) LT-UNK
- Quartz LT-1
- Sulfur LT-UNK

Inventory and Screening Notes:

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

Volatile Organic Compound (VOC) Content:

- Material (g/l): 0
- Regulatory (g/l): N/A
- 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: January 29, 2017

Release Date: January 29, 2017

EXPIRY DATE*: January 29, 2020

* 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.

**790-11 HOT RUBBERIZED ASPHALT**

<table>
<thead>
<tr>
<th>Material ID</th>
<th>%: 35.0000 - 55.0000</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Membrane layer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPHALT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

- **CANCER**
  - **IARC**
    - Group 2b - Possibly carcinogenic to humans
  - **US CDC - Occupational Carcinogens**
    - Occupational Carcinogen
  - **MAK**
    - Carcinogen Group 2 - Considered to be carcinogenic for man

**SUBSTANCE NOTES:** This is not used for road paving applications so it is not considered a carcinogen by IARC.

**LIMESTONE; CALCIUM CARBONATE**

<table>
<thead>
<tr>
<th>Material ID</th>
<th>%: 30.0000 - 40.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Filler/Film strengthener</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

- **None Found**

**SUBSTANCE NOTES:**

**SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES**

<table>
<thead>
<tr>
<th>Material ID</th>
<th>%: 5.0000 - 10.0000</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Flexibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

- **CANCER**
  - **EU - R-phrases**
    - R45 - May cause cancer
  - **EU - GHS (H-Statements)**
    - H350 - May cause cancer

---

790-11EV Hot Rubberized Asphalt Health Product Declaration Page 2 of 5 created via: HPDC Online Builder www.hpd-collaborative.org
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE BUTADIENE RUBBER</td>
<td>9003-55-8</td>
<td>1.0000 - 5.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Flexibility</td>
<td>Contains less than 3% DMSO extractables - not considered a carcinogen or mutagen.</td>
</tr>
<tr>
<td>QUARTZ</td>
<td>14808-60-7</td>
<td>Impurity/Residual</td>
<td>LT-1</td>
<td>None</td>
<td>NO</td>
<td>Impurity/Residual</td>
<td>This substance is encapsulated in the membrane.</td>
</tr>
<tr>
<td>SULFUR</td>
<td>7704-34-9</td>
<td>Impurity/Residual</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Impurity/Residual</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

**STYRENE BUTADIENE RUBBER (SBR)**

None Found

No warnings found on HPD Priority lists

**QUARTZ**

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

**SULFUR**

SKIN IRRITATION - EU - R-phrases - R38 - Irritating to skin
SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SUBSTANCE NOTES:

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  
**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

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA MSDS</td>
<td>Occupational Safety and Health Administration Material Safety Data Sheet</td>
</tr>
<tr>
<td>GHS SDS</td>
<td>Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
</tr>
</tbody>
</table>

### Hazard Types

- **AQU** Aquatic toxicity
- **CAN** Cancer
- **DEV** Developmental toxicity
- **END** Endocrine activity
- **EYE** Eye irritation/corrosivity
- **GEN** Gene mutation
- **PHY** Physical Hazard (reactive)
- **REP** Reproductive toxicity
- **RES** Respiratory sensitization
- **SKI** Skin sensitization/irritation/corrosivity
- **LAM** Land Toxicity
- **NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-1</td>
<td>Benchmark 1 (avoid - chemical of high concern)</td>
</tr>
<tr>
<td>BM-2</td>
<td>Benchmark 2 (use but search for safer substitutes)</td>
</tr>
<tr>
<td>BM-3</td>
<td>Benchmark 3 (use but still opportunity for improvement)</td>
</tr>
<tr>
<td>BM-4</td>
<td>Benchmark 4 (prefer-safer chemical)</td>
</tr>
<tr>
<td>LT-P1</td>
<td>List Translator Possible Benchmark 1</td>
</tr>
<tr>
<td>LT-1</td>
<td>List Translator Likely Benchmark 1</td>
</tr>
<tr>
<td>LT-UNK</td>
<td>List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)</td>
</tr>
<tr>
<td>UNK</td>
<td>Unknown (no data on List Translator Lists)</td>
</tr>
</tbody>
</table>

### 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.