790-11 Hot Rubberized Asphalt
by Henry Company

CLASSIFICATION: 07 14 13.00

PRODUCT DESCRIPTION: 790-11 IS A 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. 790-11 IS COMPOSED OF A SPECIALLY SELECTED BLEND OF REFINED ASPHALTS, SYNTHETIC RUBBER AND MINERAL STABILIZERS. IT IS MODIFIED WITH ADDITIVES TO PROMOTE ADHESION AND IMPROVE LOW TEMPERATURE FLEXIBILITY.

Section 1: Summary

CONTENT INVENTORY

Threshold per material

Residuals and impurities considered in 1 of 1 materials
100 ppm
1,000 ppm
Per GHS SDS
Per OSHA MSDS
Other

RESIDUAL OR IMPURITY

790-11 HOT RUBBERIZED ASPHALT

GREENSCREEN SCORE

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPHALT</td>
<td>LT-1</td>
<td>0.00</td>
<td>CAN</td>
<td>LIMESTONE; CALCIUM CARBONATE LT-UNK</td>
</tr>
<tr>
<td>SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES LT-1</td>
<td>CAN</td>
<td>MUL</td>
<td>STYRENE BUTADIENE RUBBER (SBR) LT-UNK</td>
<td></td>
</tr>
<tr>
<td>QUARTZ LT-1</td>
<td></td>
<td></td>
<td>SULFUR LT-UNK</td>
<td>SKI</td>
</tr>
</tbody>
</table>

Characterized....................................................
Are the Percent Weight and Role provided for all substances?
Yes
No

Screened........................................................
Are all substances screened using Priority Hazard Lists with results disclosed?
Yes
No

Identified......................................................
Are all substances disclosed by Name (Specific or Generic) and Identifier?
Yes
No

Based on the selected Content Inventory Threshold:

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.

INVENTORY AND SCREENING NOTES:

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.

VERIFIER:
SCREENING DATE: January 17, 2017
EXPIRY DATE*: January 17, 2020
* or within 3 months of significant change in product contents
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</th>
<th>Inventory Threshold: 100 ppm</th>
<th>Residuals Considered: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASPHALT</strong></td>
<td>%: 35.0000 - 55.0000</td>
<td>GS: LT-1</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong></td>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 2 - Considered to be carcinogenic for man</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>This is not used for road paving applications so it is not considered a carcinogen by IARC.</td>
<td></td>
</tr>
</tbody>
</table>

### LIMESTONE; CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>Material</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><strong>HAZARDS:</strong></td>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong></td>
<td></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>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

<table>
<thead>
<tr>
<th>Material</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><strong>HAZARDS:</strong></td>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - R-phrases</td>
<td>R45 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CANCER EU - REACH Annex XVII CMRs 
Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

MULTIPLE ChemSec - SIN List 
CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

CANCER EU - Annex VI CMRs 
Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: Contains less than 3% DMSO extractables - not considered a carcinogen or mutagen.

STYRENE BUTADIENE RUBBER (SBR) ID: 9003-55-8

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

HAZARDS: AGENCY(IES) WITH WARNINGS:
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 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: This substance is encapsulated in the membrane.

SULFUR ID: 7704-34-9

%: Impurity/Residual GS: LT-UNK RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS: AGENCY(IES) WITH WARNINGS:
SKIN IRRITATION EU - R-phrases R38 - Irritating to skin
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
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.