Pro-Grade® 920 Silicone Gray Roof Sealant
by Henry Company

CLASSIFICATION: 07 14 16.00

PRODUCT DESCRIPTION: PRO-GRADE® 920 SILICONE ROOF SEALANT IS A SOLVENT-FREE SEALANT OFFERING EXCELLENT UV RESISTANCE AND WEATHERING CHARACTERISTICS WITH NO HARDENING, CHALKING, CRAZING, CRACKING OR REVERTING. IT ALSO OFFERS EXCELLENT ADHESION TO A WIDE VARIETY OF BUILDING MATERIALS. THIS ONE-COMPONENT, MOISTURE-CURING, SILICONE SEALANT IS USED ON EXISTING SPRAY POLYURETHANE FOAM, SMOOTH BUILT-UP, SMOOTH MODIFIED BITUMEN, GRANULATED MODIFIED BITUMEN, AGED SINGLE PLY MEMBRANE ROOFS, AND METAL ROOF SEAMS, FLASHINGS, FASTENERS, DRAINS AND OTHER VARIOUS REPAIR AREAS. PRO-GRADE® 920 SILICONE ROOF SEALANT IS ALSO USED IN NON-STRUCTURAL GLAZING, AS A WEATHER SEAL, FOR VERTICAL AND HORIZONTAL CRACK REPAIRS, VERTICAL AND HORIZONTAL 2-POINT ADHESION ON CONTROL JOINTS, AND CAN ALSO BE USED IN CONCRETE RESTORATION, STUCCO REPAIRS/RESTORATION, EIFS INSTALLATION AND RESTORATION. IT IS FUNGUS AND MILDEW RESISTANT.

Section 1: Summary

CONTENT INVENTORY

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

Based on the selected Content Inventory Threshold:

- 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

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
--- | --- | --- | --- | ---
92 SILICONE ROOF SEALANT | SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED BM-2 NEPHELINE SYENITE LT-UNK POLYDIMETHYL SILOXANE LT-P1 | PBT 2-BUTANONE, O,,O,,-(METHYLSILYLIDYNE)TRIOXIME (8CI)(9CI) LT-UNK FUMED SILICA, CRYSTALLINE-FREE LT-UNK TITANIUM DIOXIDE LT-3 | CAN CARBON BLACK LT-1 | CAN |

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

- Material (g/l): 0
- Regulatory (g/l):
- 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.
- Number of Greenscreen BM-4/BM3 contents........... 0
- Contents highest concern GreenScreen Benchmark or List translator Score............ LT-1
- Nanomaterial............. No

VERIFIER:

- Self-Published*
- Third Party Verified

SCREENING DATE: January 29, 2017
EXPRIY 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.

<table>
<thead>
<tr>
<th>Material</th>
<th>Percent</th>
<th>General Summary</th>
<th>Residuals Considered</th>
<th>Material Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>92 SILICONE ROOF SEALANT</td>
<td>100.0000 - 100.0000</td>
<td>HPD URL:</td>
<td>Yes</td>
<td>SILICONE ROOF SEALANT&lt;br&gt;ID: 70131-67-8&lt;br&gt;SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED&lt;br&gt;EU: BM-2&lt;br&gt;ROLE: Polymer&lt;br&gt;HAZARDS: None Found&lt;br&gt;AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists&lt;br&gt;SUBSTANCE NOTES: None Found&lt;br&gt;ROLES: None&lt;br&gt;NANO: NO&lt;br&gt;ROLE: Catalyst</td>
</tr>
<tr>
<td>92 SILICONE ROOF SEALANT</td>
<td>30.0000 - 40.0000</td>
<td>GS: BM-2</td>
<td>Residuals: None</td>
<td>POLYDIMETHYL SILOXANE&lt;br&gt;ID: 9016-00-6&lt;br&gt;ROLE: Plasticizer&lt;br&gt;HAZARDS: PBT&lt;br&gt;AGENCY(IES) WITH WARNINGS: Persistent, Bioaccumulative and inherently Toxic (PBITH) to humans&lt;br&gt;SUBSTANCE NOTES: None Found&lt;br&gt;ROLES: None&lt;br&gt;NANO: NO&lt;br&gt;ROLE: Catalyst</td>
</tr>
</tbody>
</table>
| 2-BUTANONE, O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (8CI)(9CI) | 3.0000 - 7.0000 | GS: LT-UNK      | Residuals: None      | 2-BUTANONE, O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (8CI)(9CI)<br>ID: 22984-54-9<br>ROLE: Catalyst
### Fumed Silica, Crystalline-Free

**ID:** 112945-52-5

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

**Hazard:** None Found

No warnings found on HPD Priority lists

**Substance Notes:**

- **Fumed Silica, Crystalline-Free**
- **ID:** 112945-52-5
- **Range:** %: 1.0000 - 5.0000
- **Grade:** LT-UNK
- **Routing Code:** None
- **Nanomaterials:** No
- **Role:** Thixotrope

### Titanium Dioxide

**ID:** 13463-67-7

| %: | 0.0000 - 7.0000 | GS: | LT-1 | RC: | None | NANO: NO | ROLE: Pigment |

**Hazard:** None Found

No warnings found on HPD Priority lists

**Substance Notes:**

- **Titanium Dioxide**
- **ID:** 13463-67-7
- **Range:** %: 0.0000 - 7.0000
- **Grade:** LT-1
- **Routing Code:** None
- **Nanomaterials:** No
- **Role:** Pigment

### Carbon Black

**ID:** 1333-86-4

| %: | 0.0000 - 3.0000 | GS: | LT-1 | RC: | None | NANO: NO | ROLE: Pigment |

**Hazard:** None Found

No warnings found on HPD Priority lists

**Substance Notes:**

- **Carbon Black**
- **ID:** 1333-86-4
- **Range:** %: 0.0000 - 3.0000
- **Grade:** LT-1
- **Routing Code:** None
- **Nanomaterials:** No
- **Role:** Pigment

### Hazards:

#### Cancer

- **US CDC - Occupational Carcinogens**
- **CA EPA - Prop 65**
- **IARC**
- **MAK**

**Substance Notes:** Not available in a respirable form.

#### MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

#### IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

#### CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

#### US CDC - Occupational Carcinogens

Occupational Carcinogen

#### MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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](http://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>Hazard Types</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU Aquatic toxicity</td>
<td>GLO Global warming</td>
</tr>
<tr>
<td>CAN Cancer</td>
<td>MAM Mammalian/systemic/organ toxicity</td>
</tr>
<tr>
<td>DEV Developmental toxicity</td>
<td>MUL Multiple hazards</td>
</tr>
<tr>
<td>END Endocrine activity</td>
<td>NEU Neurotoxicity</td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td>OZO Ozone depletion</td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td>PBT Persistent Bioaccumulative Toxic</td>
</tr>
<tr>
<td>PHY Physical Hazard (reactive)</td>
<td></td>
</tr>
<tr>
<td>REP Reproductive toxicity</td>
<td></td>
</tr>
<tr>
<td>RES Respiratory sensitization</td>
<td></td>
</tr>
<tr>
<td>SKI Skin sensitization/irritation/corrosivity</td>
<td></td>
</tr>
<tr>
<td>LAN Land Toxicity</td>
<td></td>
</tr>
<tr>
<td>NF Not found on Priority Hazard Lists</td>
<td></td>
</tr>
</tbody>
</table>

### GreenScreen (GS)

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-4 Benchmark 4 (prefer-safer chemical)</td>
<td>LT-P1 List Translator Possible Benchmark 1</td>
</tr>
<tr>
<td>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)</td>
<td>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)</td>
</tr>
</tbody>
</table>

### Recycled Types

<table>
<thead>
<tr>
<th>Type</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>PreC Preconsumer (Post-Industrial)</td>
<td></td>
</tr>
<tr>
<td>PostC Postconsumer</td>
<td></td>
</tr>
<tr>
<td>Both Both Preconsumer and Postconsumer</td>
<td></td>
</tr>
<tr>
<td>Unk Inclusion of recycled content is unknown</td>
<td></td>
</tr>
<tr>
<td>None Does not include recycled content</td>
<td></td>
</tr>
</tbody>
</table>

### Other

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nano</td>
<td>Composed of nanoscale particles or nanotechnology</td>
</tr>
</tbody>
</table>

### Declaration Level

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-declared</td>
<td>Manufacturer’s self-declaration (First Party)</td>
</tr>
<tr>
<td>Independent Lab</td>
<td>Manufacturer’s self-declaration using results from an independent lab</td>
</tr>
<tr>
<td>Second Party</td>
<td>Verification by trade association or other interested party</td>
</tr>
<tr>
<td>Third Party</td>
<td>Verification by independent certifier</td>
</tr>
<tr>
<td>Applicable facilities</td>
<td>Manufacturing sites to which testing applies</td>
</tr>
</tbody>
</table>

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.