**Thresholds (Bronze and Vinyl)**

<table>
<thead>
<tr>
<th>Classification</th>
<th>08 70 00.00 Openings (door ways): Hardware</th>
</tr>
</thead>
</table>

**Manufacturer**
National Guard Product, Inc.
4985 East Raines Rd
Memphis, TN 38118

**Contact Name**
Roger Skold

**Title**
Technical Director/Inside Sales Manager

**Phone**
901-546-8105

**Email**
rogers@ngp.com

**Description**
Thresholds are installed at the bottom of doorways to insulate the gap between the door surface and floor surface. They are also used to create a seamless transition between two floor surfaces. For a standard 3’x7’ door, this would be equivalent to a length of 3’ of threshold, which is the width of the door.

NGP offers thresholds manufactured of aluminum, architectural bronze, stainless steel, rubber, and PVC. Some metal thresholds also contain vinyl, pile, silicone or TPV gasketing. Thresholds can be offered with a variety of finish options. These include mill finished, bronze finished, polished, powder coated and slip resistant.

**Release Date**
2015-12-08

**Expiry Date**
2018-12-08

**HPD URL**

**SUMMARY DISCLOSURE**

The content of this product was assessed for health hazard warnings as required using Pharos.

**Residuals Disclosure**
- Measured 100 ppm (ideal)
- Measured 1000 ppm
- Predicted by process chemistry
- As per MSDS (1,000 & 10,000 ppm)
- Not disclosed
- Other

**Full Disclosure of Intentional Ingredients**
- Yes
- No

**Full Disclosure of Known Hazards**
- Yes
- No

**Disclosure Notes**

**Contents in Descending Order of Quantity**
COPPER, ZINC, LEAD, Silicon, POLYVINYL CHLORIDE (PVC), LIMESTONE; CALCIUM CARBONATE, IRON, ANTIMONY TRIOXIDE, Diisononyl phthalate (DINP-1, mixture of isomers as manufactured), DIISODECYL PHTHALATE (DIDP)

**Hazard**
- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory

**Highest concern GreenScreen score - Benchmark 1**
- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

**Total VOC Content**
Material (g/L) N/A
Regulatory (g/L) N/A

**Does the product contain exempt VOCs?**
- N/A
- Yes
- No

**Are there VOC-free tints available?**
- N/A
- Yes
- No

**VOC Emissions**
Not tested

**Notes**

**Certifications + Compliance**

| VOC Emissions | Not tested | VOC Content | N/A |

Health Product Declaration v1.0 - hpdcollaborative.org - Page 1 of 5
The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; RC: Recycled Content, PC: Post Consumer, PI: Post Industrial (Pre-consumer), BO: Both; Nano: comprised of nanoscale particles or nanotechnology

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard A</td>
<td>Warning A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard B</td>
<td>Warning B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard C</td>
<td>Warning C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard D</td>
<td>Warning D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard E</td>
<td>Warning E</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Notes

COPPER

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>COPPER</td>
<td>7440-50-8</td>
<td>52.3 - 57.8 %</td>
<td>LT-P1</td>
<td>N</td>
<td>N</td>
<td>Component of bronze threshold options.</td>
</tr>
</tbody>
</table>

None found

No warnings found on HPD Priority lists

Range due to different variations of products within this class. Products only differ in the amount of material, not material type.

ZINC

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZINC</td>
<td>7440-66-6</td>
<td>35.6 - 41.7 %</td>
<td>LT-P1</td>
<td>N</td>
<td>N</td>
<td>Component of bronze threshold options.</td>
</tr>
</tbody>
</table>

ACUTE AQUATIC

EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)

CHRON AQUATIC

EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects

FLAMMABLE

EU H-Statements: H250 Catches fire spontaneously if exposed to air

REACTIVE

EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously

RESPIRATORY

AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only

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LEAD

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEAD</td>
<td>7439-92-1</td>
<td>2.4 - 3.4 %</td>
<td>1</td>
<td>N</td>
<td>N</td>
<td>Component of bronze threshold options.</td>
</tr>
</tbody>
</table>

PBT

NWMP Priority: Priority PBT (also in EPA PBT, WA PBT, OR P3, TRI PBT, OSPAR)

CANCER

EPA-C: (1986) Group B2 - Probable human carcinogen (also in NTP-RoC, Prop 65, MAK, IARC)

DEVELOPMENTAL

NTP-OHRAaT: A-Clear evidence of adverse developmental toxicant effects (also in Prop 65, G&L Neuro, EU R-Phrases, EU H-Statements)

REPRODUCTIVE

NTP-OHRAaT: A-Clear evidence of adverse reproductive toxicant effects (also in Prop 65, EU CMR (1), EU R-Phrases, EU CMR (2))

ENDOCRINE

TEDX: Potential Endocrine Disruptor
<table>
<thead>
<tr>
<th>SIN: Classified CMR (Carcinogen, Mutagen &amp;/or Reproductive Toxicant)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAMMALIAN EU R-Phrases: R22: Harmful if swallowed.</td>
</tr>
<tr>
<td>ACUTE AQUATIC EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)</td>
</tr>
<tr>
<td>CHRON AQUATIC EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

Range due to different variations of products within this class. Products only differ in the amount of material, not material type.

<table>
<thead>
<tr>
<th>Silicon 7440-21-3</th>
<th>2 - 4.1 %</th>
<th>LT-U</th>
<th>N</th>
<th>N</th>
<th>Component of Silicone threshold options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>POLYVINYL CHLORIDE (PVC) 9002-86-2</th>
<th>0.7 - 3.3 %</th>
<th>LT-U</th>
<th>N</th>
<th>N</th>
<th>Component of Vinyl threshold options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY AOEC: Asthmagen (ARs) - sensitizer-induced</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Range due to different variations of products within this class. Products only differ in the amount of material, not material type.

<table>
<thead>
<tr>
<th>LIMESTONE; CALCIUM CARBONATE 1317-65-3</th>
<th>0.5 - 0.8 %</th>
<th>LT-U</th>
<th>N</th>
<th>N</th>
<th>Component of Vinyl threshold options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
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</tbody>
</table>

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<table>
<thead>
<tr>
<th>IRON 7439-89-6</th>
<th>0.3 %</th>
<th>LT-U</th>
<th>N</th>
<th>N</th>
<th>Component of bronze threshold options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
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</tr>
</tbody>
</table>

Range due to different variations of products within this class. Products only differ in the amount of material, not material type.

<table>
<thead>
<tr>
<th>ANTIMONY TRIOXIDE 1309-64-4</th>
<th>0.1 - 0.2 %</th>
<th>1</th>
<th>N</th>
<th>N</th>
<th>Component of Vinyl threshold options.</th>
</tr>
</thead>
</table>

CANCER Prop 65: Cancer (also in EU R-Phrases, IARC, EU H-Statements, MAK)

MAMMALIAN EU R-Phrases: R22: Harmful if swallowed.

ACUTE AQUATIC EU R-Phrases: R51: Toxic to aquatic organisms.

CHRON AQUATIC EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects

Range due to different variations of products within this class. Products only differ in the amount of material, not material type.

<table>
<thead>
<tr>
<th>Diisononyl phthalate (DINP-1, mixture of isomers as manufactured) 68515-48-0</th>
<th>0 - 1 %</th>
<th>LT-1</th>
<th>N</th>
<th>N</th>
<th>Component of vinyl threshold options.</th>
</tr>
</thead>
</table>

CANCER Prop 65: Cancer

DEVELOPMENTAL NTP-OHAAaT: B-Some evidence of adverse developmental toxicant effects

ENDOCRINE SIN: Equivalent concern, including endocrine disruption - Sin List 1.0 (also in TEDX)

REPRODUCTIVE EPA Action: Reproductive effects

MULTIPLE EPA Action: EPA Chemical of Concern - Action Plan published

Range due to different variations of products within this class. Products only differ in the amount of material, not material type.

<table>
<thead>
<tr>
<th>DIISODECYL PHTHALATE (DIDP) 68515-49-1</th>
<th>0 - 0.8 %</th>
<th>LT-1</th>
<th>N</th>
<th>N</th>
<th>Component of vinyl threshold options.</th>
</tr>
</thead>
</table>

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

DEVELOPMENTAL NTP-OHAAaT: A-Clear evidence of adverse developmental toxicant effects (also in Prop 65)
### ENDOCRINE
- SIN: Equivalent concern, including endocrine disruption - Sin List 1.0

### REPRODUCTIVE
- EPA Action: Reproductive effects

### MULTIPLE
- EPA Action: EPA Chemical of Concern - Action Plan published

Range due to different variations of products within this class. Products only differ in the amount of material, not material type.

### CERTIFICATIONS AND COMPLIANCE
**Certifying Party** = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard or Certification</th>
<th>Certifier or Laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Certifying Party</td>
<td>Issue Date</td>
</tr>
<tr>
<td>Voc Emissions</td>
<td>Not tested</td>
<td></td>
</tr>
<tr>
<td>Voc Content</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Recycled Content</td>
<td>Not tested</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
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</tr>
</tbody>
</table>

### ACCESSORY MATERIALS
This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

<table>
<thead>
<tr>
<th>Required or Recommended Product</th>
<th>URL for Companion Health Product Declaration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition when required or recommended and/or other notes</td>
<td></td>
</tr>
</tbody>
</table>
In an effort to promote further transparency in the marketplace, National Guard Products has also made available a corporate sustainability report and environmental product declarations for all of our Gasketing, Thresholds, and Lite Kits and Louver products. These documents are available at NGP.com for download. Please contact Roger Skold (rogers@ngp.com) for additional information.