Thresholds (Aluminum and Silicone)

**Product ID**
08 70 00.00 Openings (door ways):

**Classification**
Hardware

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

**Website**
www.ngp.com

**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

**Full Disclosure of Known Hazards**
Yes

**Disclosure Notes**

**Contents in Descending Order of Quantity**
ALUMINUM, ZINC, Silicon, MAGNESIUM, Silicon, COPPER, Manganese, IRON, Chromium, Dimethyl Siloxane w/ Me Silsesquioxanes & n-Octyl Silsesquioxanes, Methoxy-term, Octamethylcyclotetrasiloxane (D4)

**Hazards**
- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory
- Neurotoxicity
- Mammal
- Endocrine
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

**Material (g/L)**
N/A

**Regulatory (g/L)**
N/A

**Does the product contain exempt VOCs?**
Yes

**Are there VOC-free tints available?**
Yes

**Notes**

**Certifications + Compliance**

**VOC Emissions**
Not tested

**VOC Content**
N/A
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, **PI:** Post 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>
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<tbody>
<tr>
<td>Hazard A</td>
<td></td>
<td></td>
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<td>Component of aluminum threshold options.</td>
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<tr>
<td>Hazard B</td>
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<td>Hazard E</td>
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### Notes

**ALUMINUM**

Endocrine: Potential Endocrine Disruptor

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

Flammable: EU H-Statements: H228 Flammable solid

Reactive:

EU H-Statements: H261 In contact with water releases flammable gases

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

### ZINC

Endocrine: Potential Endocrine Disruptor

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

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

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

### None found

No warnings found on HPD Priority lists
<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>Range</th>
<th>HT</th>
<th>LT</th>
<th>NW</th>
<th>Nature</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Magnesium</td>
<td>7439-95-4</td>
<td>1.3 - 1.5 %</td>
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<td>N</td>
<td>N</td>
<td>Component of aluminum</td>
<td>threshold options</td>
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<td></td>
<td>U</td>
<td>N</td>
<td>N</td>
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<tr>
<td>Flammable</td>
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<td>EU H-Statements: H250 Catches fire spontaneously if exposed to air</td>
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<tr>
<td>Reactive</td>
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<td>EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously</td>
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<td>Silicon</td>
<td>7440-21-3</td>
<td>1 - 15 %</td>
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<td></td>
<td>U</td>
<td>N</td>
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<td></td>
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<td>U</td>
<td>N</td>
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<td>No warnings found on HPD Priority lists</td>
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<td>Manganese</td>
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<td>0.9 - 1.1 %</td>
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<td>N</td>
<td>Component of aluminum</td>
<td>threshold options</td>
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<td></td>
<td></td>
<td>P1</td>
<td>N</td>
<td>N</td>
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<tr>
<td>Endocrine</td>
<td></td>
<td>TEDX: Potential Endocrine Disruptor</td>
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<tr>
<td>Iron</td>
<td>7439-89-6</td>
<td>0.9 - 1 %</td>
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<td>threshold options</td>
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<tr>
<td>Chromium</td>
<td>7440-47-3</td>
<td>0.3 - 0.4 %</td>
<td>LT</td>
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<td>N</td>
<td>Component of aluminum</td>
<td>threshold options</td>
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<td>U</td>
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<tr>
<td>Resiratory</td>
<td></td>
<td>AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only</td>
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<tr>
<td>Dimethyl Siloxane w/ Me Silsesquioxanes &amp; n-Octyl Silsesquioxanes, Methoxy-term</td>
<td>897393-56-5</td>
<td>0 - 2 %</td>
<td>N</td>
<td>N</td>
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<td>Component of Silicone</td>
<td>threshold options</td>
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<td>N</td>
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<tr>
<td>Octamethylcyclootetrasiloxane (D4)</td>
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<tr>
<td>PBT</td>
<td>OR P3: Priority Persistent Pollutant - Tier 1 (also in DSL, EU PBT)</td>
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<td>Reproductive</td>
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<td>EU R-Phrases: R62: Possible risk of impaired fertility. (also in EU H-Statements)</td>
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<td>Endocrine</td>
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<td>EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in SIN, TEDX)</td>
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<td>Multiple</td>
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<td>VwVwS: Class 3 Severe Hazard to Waters (also in EPA Action)</td>
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</table>
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>
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<tbody>
<tr>
<td>Certifying Party</td>
<td>Issue Date</td>
<td>Expiry Date</td>
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<td>Applicable Facilities</td>
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<tr>
<td>Notes</td>
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</tbody>
</table>

VOC Emissions
- Not tested

VOC Content
- N/A

Recycled Content
- Not tested

Other

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>
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</thead>
<tbody>
<tr>
<td>Condition when required or recommended and/or other notes</td>
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</tbody>
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NOTES
In an effort to promote further transparency in the marketplace, National Guard Products has also made available a corporate sustainability report and

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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.