Name: Gasketing (Bronze and Silicone)

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

Website: www.ngp.com

Manufacturer: National Guard Product, Inc.
Address: 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: Gasketing products are designed to seal the perimeter of a door. They are designed using a variety of materials and can be comprised of a single material or a combination of multiple materials. NGP utilizes a variety of materials including; Plastic Elastomers (TPE), Thermo-Plastic Vulcanizates (TPV), Polypropylene Pile, Ethylene-Propylene- Diene-Monomer (EPDM), Polyurethane, and Intumescent Fire Seals. Additionally, Metal retainers can be used as part of the gasket. Metal options for gasketing include Aluminum Alloy, Architectural Bronze and Stainless Steel (Type 304).

Release Date: 2015-12-08
Expiry Date: 2018-12-08

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, Dimethyl Siloxane w/ Me Silsesquioxanes & n-Octyl Silsesquioxanes, Methoxy-term, Silicon, IRON, Octamethylcyclotetrasiloxane (D4)

Hazards
- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory
- 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?
- Yes
- No

Are there VOC-free tints available?
- Yes
- No

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, **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>Notes</th>
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<tbody>
<tr>
<td>Hazard A</td>
<td>Warning A</td>
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<td>Warning E</td>
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</table>

**COPPER**

- **CAS RN:** 7440-50-8
- **% weight:** 39 - 58%
- **Role:** Component of bronze gasketing options

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**

- **CAS RN:** 7440-66-6
- **% weight:** 26 - 42%

**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

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

**LEAD**

- **CAS RN:** 7439-92-1
- **% weight:** 1.8 - 3.5%

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

NTP-OHaaT: 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

**MULTIPLE**

SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant)

**MAMMALIAN**

EU R-Phrases: R22: Harmful if swallowed.

**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

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

### Dimethyl Siloxane w/ Me Silsesquioxanes & n-Octyl Silsesquioxanes, Methoxy-term

<table>
<thead>
<tr>
<th>Component</th>
<th>Code</th>
<th>Percentage</th>
<th>Category</th>
<th>Note</th>
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</thead>
<tbody>
<tr>
<td>Dimethyl Siloxane w/ Me Silsesquioxanes &amp; n-Octyl Silsesquioxanes, Methoxy-term</td>
<td>897393-56-5</td>
<td>1 - 29.9 %</td>
<td>N N</td>
<td>Component of Silicone gasketing options.</td>
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None found

No warnings found on HPD Priority lists

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

### Silicon

<table>
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<tr>
<th>Component</th>
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<tbody>
<tr>
<td>Silicon</td>
<td>7440-21-3</td>
<td>1 - 26 %</td>
<td>LT-U N N</td>
<td>Component of Silicone gasketing options.</td>
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None found

No warnings found on HPD Priority lists

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

### Iron

<table>
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<tbody>
<tr>
<td>Iron</td>
<td>7439-89-6</td>
<td>0.2 - 0.3 %</td>
<td>LT-U U U</td>
<td>Component of bronze gasketing options</td>
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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.

### Octamethylcyclotetrasiloxane (D4)

<table>
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<th>Percentage</th>
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<th>Note</th>
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</thead>
<tbody>
<tr>
<td>Octamethylcyclotetrasiloxane (D4)</td>
<td>556-67-2</td>
<td>0 - 15 %</td>
<td>LT-P1 N N</td>
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PBT

OR P3: Priority Persistent Pollutant - Tier 1 (also in DSL, EU PBT)

REPRODUCTIVE

EU R-Phrases: R62: Possible risk of impaired fertility. (also in EU H-Statements)

ENDOCRINE

EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in SIN, TEDX)

MULTIPLE

VwVwS: Class 3 Severe Hazard to Waters (also in EPA Action)

Range due to slightly 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>Certifying Party</th>
<th>Issue Date</th>
<th>Expiry Date</th>
<th>Certifier or Laboratory</th>
<th>Certificate URL</th>
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VOC Emissions

Not tested
### 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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<tr>
<td>Condition when required or recommended and/or other notes</td>
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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 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.