Name Gasketing (Aluminum and Nylon)

Product ID

Classification 08 70 00.00 Openings (door ways): Hardware

Website www.ngp.com

Manufacturer	National Guard Product, Inc.	**Contact Name**	Roger Skold
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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
HPD URL https://builder.hpd-collaborative.org/uploads/files/hpds/1385/3903-20151208134802.pdf

- [x] Self-declared
- [ ] Second Party — **Certifier**
- [ ] Third Party — **Certificate #**

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
- [x] As per MSDS (1,000 & 10,000 ppm)
- [ ] Not disclosed
- [ ] Other

Full Disclosure of Intentional Ingredients [x] Yes [ ] No

Full Disclosure of Known Hazards [x] Yes [ ] No

Disclosure Notes

Contents in Descending Order of Quantity
ALUMINUM , NYLON 6 , ZINC , Silicon , MAGNESIUM , COPPER , Manganese , IRON , Chromium

Hazards

- [ ] PBT (Persistent Bioaccumulative Toxic)
- [ ] Cancer
- [ ] Gene Mutation
- [ ] Development
- [ ] Reproductive
- [x] Endocrine
- [x] Respiratory

Highest concern GreenScreen score - List Translator Possible Benchmark 1

- [ ] Neurotoxicity
- [ ] Mammal
- [ ] Skin or Eye
- [x] Aquatic toxicity
- [ ] Land toxicity
- [x] 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? [x] N/A [ ] Yes [ ] No

Are there VOC-free tints available? [x] N/A [ ] 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*

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	**Warning A**					
Hazard B	**Warning B**					
Hazard C	**Warning C**					
Hazard D	**Warning D**					
Hazard E	**Warning E**					
Notes						
ALUMINUM	7429-90-5	9.3 - 90.2 %	LT-P1	BO	N	Component of aluminum gasketing options.
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
RESPIRATORY	AOEC: 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.						
NYLON 6	25038-54-4	2.9 - 89.9 %	LT-U	N	U	Component of Nylon 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	7440-66-6	0.2 - 2.3 %	LT-P1	U	N	Component of aluminum gasketing options.
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.						
Silicon	7440-21-3	0.2 - 1.7 %	LT-U	U	N	Component of aluminum 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.						
MAGNESIUM	7439-95-4	0.2 - 1.5 %	LT-U	N	N	Component of aluminum gasketing options
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					
Range due to different variations of products within this class. Products only differ in the amount of material, not material type.						
COPPER	7440-50-8	0.1 - 1.2 %	LT-P1	U	N	Component of aluminum 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.						
Manganese	7439-96-5	0.1 - 1.1 %	LT-P1	N	N	Component of aluminum gasketing options
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
Range due to different variations of products within this class. Products only differ in the amount of material, not material type.						
IRON	7439-89-6	0.1 - 1 %	LT-U	U	U	Component of aluminum 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.						
Chromium	7440-47-3	0.1 - 0.4 %	LT-U	U	N	Component of aluminum gasketing options.
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.						

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.

Type	**Standard or Certification**			**Certifier or Laboratory**
	Certifying Party	**Issue Date**	**Expiry Date**	**Certificate URL**
	Applicable Facilities			
	Notes			
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.

Required or Recommended Product	**URL for Companion Health Product Declaration**
Condition when required or recommended and/or other notes	

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.