

CLASSIFICATION: 08 71 00

PRODUCT DESCRIPTION: Pemko perimeter gasketing consists of an aluminum channel which accepts a PemkoPrene™ gasket designed to be soffit-applied to the jamb and header of an opening effectively sealing any gap between the door and frame. The line includes models which can be mounted to either wood or hollow metal doors. The line includes models which can be applied in either external or internal applications. This line is provided with standard sheet metal fasteners, but special fasteners are available. Examples include self-tapping/self-drilling and security fasteners. All Pemko perimeter gasketing is available in either single stick lengths (i.e. 36", 84", 96") or as jamb set lengths (i.e. 3684, 4896). Standard color for the aluminum is mill finish, but this declaration covers all possible finishes. The gasket portion, with a mill finish part, comes standard as gray, but black is also available. This Pemko perimeter gasketing option seals gaps up to 3/8", but within the entire line options exist for a variety of gap dimensions.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities
Considered in 3 of 3 Materials

Explanation(s) provided
for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
All substances disclosed by Name (Specific or Generic) and Identifier.

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

MILL ALUMINUM RETAINER, 6063-T6 ALLOY [ALUMINUM LT-P1 | RES | PHY | END | MAGNESIUM LT-UNK | PHY | SILICON LT-UNK | IRON LT-P1 | END | MANGANESE LT-P1 | END | MUL | REP | TITANIUM LT-UNK | ZINC LT-P1 | AQU | PHY | END | MUL | CHROMIUM LT-P1 | RES | END | SKI | COPPER LT-UNK] PEMKOPRENE GASKET (MATERIAL #8201-70) [HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL | SILOXANES AND SILICONES, ME HYDROGEN, ME OCTYL, POLYMERS WITH 5-ETHENYLBI-CYCLO[2,2,1]HEPT-2-ENE, ETHYLENE AND PROPENE NoGS POLYPROPYLENE LT-UNK KAOLIN, CALCINED LT-UNK ZINC OXIDE BM-1 | RES | AQU | MUL | CALCIUM STEARATE LT-UNK 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYBENZENEPROPANOIC ACID OCTADECYL ESTER LT-P1] #8 X 1/2" SHEET METAL SCREWS WITH #5 TRUSS HEAD, #410 STAINLESS STEEL [STEEL NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This product was screened to the 1000 ppm threshold

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL GREENGUARD Gold
LCA: Environmental Product Declaration
Other: Declare Label

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**
VERIFIER: **GreenCircle Certified**
VERIFICATION #: **6H3-5617**

SCREENING DATE: **2019-09-30**
PUBLISHED DATE: **2019-09-30**
EXPIRY DATE: **2022-09-30**



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

MILL ALUMINUM RETAINER, 6063-T6 ALLOY

%: 81.71

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals are considered and are below the 1000ppm threshold.

OTHER MATERIAL NOTES:

ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-30

%: 96.00 - 99.20

GS: LT-P1

RC: None

NANO: No

ROLE: Channel

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Substance range varies based on provided supplier data

MAGNESIUM

ID: 7439-95-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-30

%: 0.45 - 0.90

GS: LT-UNK

RC: None

NANO: No

ROLE: Retainer Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: Substance range varies based on provided supplier data

SILICON

ID: 7440-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-30**%: **0.20 - 0.60**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Aluminum Alloy**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Substance range varies based on provided supplier data****IRON**

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-30**%: **0.15 - 0.35**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Aluminum Alloy**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **Substance range varies based on provided supplier data****MANGANESE**

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-30**%: **0.02 - 0.10**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Retainer Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

REPRODUCTIVE

GHS - Japan

Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: **Substance range varies based on provided supplier data****TITANIUM**

ID: 7440-32-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-30**%: **0.01 - 0.10**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Aluminum Alloy**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance range varies based on provided supplier data

ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-09-30**

#: **0.00 - 0.10** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Retainer Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Substance range varies based on provided supplier data

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-09-30**

#: **0.00 - 0.10** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Retainer Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Substance range varies based on provided supplier data

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-09-30**

#: **0.00 - 0.10** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Aluminum Alloy**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance range varies based on provided supplier data

PEMKOPRENE GASKET (MATERIAL #8201-70)

%: 15.85

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals are considered and are below the 1000ppm threshold.**

OTHER MATERIAL NOTES:

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)

ID: **64742-54-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-09-30**

%: 44.60 GS: **LT-1** RC: **None** NANO: **No** ROLE: **Gasket Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES:

SILOXANES AND SILICONES, ME HYDROGEN, ME OCTYL, POLYMERS WITH 5-ETHENYLBICYCLO[2,2,1]HEPT-2-ENE, ETHYLENE AND PROPENE

ID: **1403986-54-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-09-30**

%: 28.30 GS: **NoGS** RC: **None** NANO: **No** ROLE: **Gasket Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

POLYPROPYLENE

ID: **9003-07-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-09-30**

%: 14.80 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Gasket Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found	No warnings found on HPD Priority Hazard Lists	
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SUBSTANCE NOTES:

KAOLIN, CALCINED

ID: 92704-41-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-09-30
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%: 11.30	GS: LT-UNK	RC: None	NANO: No	ROLE: Gasket Ingredient
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found	No warnings found on HPD Priority Hazard Lists	
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SUBSTANCE NOTES:

ZINC OXIDE

ID: 1314-13-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-09-30
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%: 0.50	GS: BM-1	RC: None	NANO: No	ROLE: Gasket Ingredient
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
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CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
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MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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SUBSTANCE NOTES:

CALCIUM STEARATE

ID: 1592-23-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-09-30
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%: 0.30	GS: LT-UNK	RC: None	NANO: No	ROLE: Gasket Ingredient
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found	No warnings found on HPD Priority Hazard Lists	
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SUBSTANCE NOTES:

3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYBENZENEPROPANOIC ACID OCTADECYL ESTER

ID: 2082-79-3

#: **0.20** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Gasket Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#8 X 1/2" SHEET METAL SCREWS WITH #5 TRUSS HEAD, #410 STAINLESS STEEL

#: **2.44**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED:
Yes

RESIDUALS AND IMPURITIES NOTES: **Residuals are considered and are below the 1000ppm threshold.**

OTHER MATERIAL NOTES:

STEEL

ID: **12597-69-2**

#: **100.00** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Screw Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

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.

VOC EMISSIONS

UL GREENGUARD Gold

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2011-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All Facilities**

05-11

05-11

CERTIFICATE URL: <https://spot.ul.com/>

CERTIFICATION AND COMPLIANCE NOTES: **Certificate Number: 62166-420**

LCA

Environmental Product Declaration

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2015-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All Facilities**

04-10

04-10

Environment

CERTIFICATE URL:

<https://www.assaabloydss.com/en/resource-center/sustainability-resources/environmental-product-declaration/>

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

Declare Label

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **ILFI**

APPLICABLE FACILITIES: **NA**

10-01

10-01

CERTIFICATE URL:

<https://www.assaabloydss.com/en/resource-center/sustainability-resources/declare-labels/>

CERTIFICATION AND COMPLIANCE NOTES: **LBC Red List Free**

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.

No accessories are required for this product.

Section 5: General Notes

Residuals and metal finishes are considered and are below the 1000ppm threshold. This Health Product Declaration was prepared by Sustainable Solutions Corporation of Royersford, Pennsylvania on behalf of ASSA ABLOY Door Group.



MANUFACTURER INFORMATION

MANUFACTURER: **ASSA ABLOY**

ADDRESS: **110 Sargent Drive**

New Haven CT 06511, USA

WEBSITE:

<http://www.assaabloydss.com/sustainability>

CONTACT NAME: **Amy Vigneux**

TITLE: **Manager, Sustainable Building Solutions**

PHONE: **2036035919**

EMAIL: amy.vigneux@assaabloy.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

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)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

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 v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this

