

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 is also available in clear anodized, bright dip gold anodized, dark bronze anodized, gold anodized, satin nickel anodized aluminum, or white. 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 / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

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

Residuals/Impurities

Residuals/Impurities
Considered in 0 of 3 Materials

Explanation(s) provided
for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized

Percent Weight and Role Provided?

- Yes
- No

Screened

Using Priority Hazard Lists with Results Disclosed?

- Yes
- No

Identified

Name and Identifier Provided?

- Yes
- No

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 ZINC LT-P1 | AQU | RES | PHY
MANGANESE LT-P1 | END MAGNESIUM LT-UNK | PHY CHROMIUM LT-UNK | RES | GRAY PEMKOPRENE™ GASKET (MATL #8201-70 FROM EXXON MOBILE) | HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK KAOLIN, CALCINED LT-P1 | MUL POLYPROPYLENE LT-UNK | RES PLATINATE(2-), HEXACHLORO-, (OC-6-11)-, DIHYDROGEN, REACTION PRODUCTS WITH 2,4,6,8-TETRAETHENYL-2,4, 6,8-TETRAMETHYLCYCLOTETRASILOXANE LT-UNK CALCIUM STEARATE LT-UNK SILOXANES AND SILICONES, DI-ME, ME HYDROGEN LT-UNK ZINC OXIDE LT-P1 | AQU | RES | MUL TRIS(2,4-DI-TERT-BUTYLPHENYL) PHOSPHITE LT-UNK | PBT ANOX 20 LT-UNK 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYBENZENEPROPANOIC ACID OCTADECYL ESTER LT-UNK | #8 X 1/2" SHEET METAL SCREWS WITH #5 TRUSS HEAD, #410 STAINLESS STEEL | STEEL MANUFACTURE, CHEMICALS LT-UNK |

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals not considered as impacts are not considered to be significant.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC content: UL Greenguard
LCA: Environmental Product Declaration
Other: Declare Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2016-12-01

PUBLISHED DATE: 2018-05-24
EXPIRY DATE: 2019-12-01

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, available on the HPDC website at www.hpd-collaborative.org/hpd-2-1-standard

MILL ALUMINUM RETAINER, 6063-T6 ALLOY

#: 82.0000 - 82.0000

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

ALUMINUM

ID: 7429-90-5

#: 96.0000 - 99.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Channel
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induced - inhalable forms only	
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	
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	

SUBSTANCE NOTES:

ZINC

ID: 7440-66-6

#: 6.5000 - 6.5000	GS: LT-P1	RC: None	NANO: No	ROLE: Retainer Component
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
ACUTE AQUATIC	EU - R-phrases		R50 - Very Toxic to Aquatic Organisms	
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induced - inhalable forms only	
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	

SUBSTANCE NOTES:

MANGANESE

ID: 7439-96-5

#: 1.5000 - 1.5000	GS: LT-P1	RC: None	NANO: No	ROLE: Retainer Component
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	

SUBSTANCE NOTES:

MAGNESIUM

ID: 7439-95-4

#: 1.2000 - 1.2000	GS: LT-UNK	RC: None	NANO: No	ROLE: Retainer Component
HAZARDS:	AGENCY(IES) WITH 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:

CHROMIUM

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only
SUBSTANCE NOTES:	

GRAY PEMKOPRENE™ GASKET (MATL #8201-70 FROM EXXON MOBILE)

%: 16.0000 - 16.0000

HPD URL:

MATERIAL THRESHOLD: Per OSHA MSDS

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)

ID: 64742-54-7

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	EU - R-phrases R45 - May cause cancer
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
SUBSTANCE NOTES:	

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists
SUBSTANCE NOTES:	

KAOLIN, CALCINED

ID: 92704-41-1

HAZARDS:	AGENCY(IES) WITH WARNINGS:
MULTIPLE	German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters
SUBSTANCE NOTES:	

POLYPROPYLENE

ID: 9003-07-0

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced
SUBSTANCE NOTES:	

PLATINATE(2-), HEXACHLORO-, (OC-6-11)-, DIHYDROGEN, REACTION PRODUCTS WITH 2,4,6,8-TETRAETHENYL-2,4, 6,8-TETRAMETHYLCYCLOTETRAILOXANE

ID: 68585-32-0

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists
SUBSTANCE NOTES:	

CALCIUM STEARATE

ID: 1592-23-0

0.5000 - 0.5000

GS: LT-UNK

RC: None

NANO: No

ROLE: Gasket Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILOXANES AND SILICONES, DI-ME, ME HYDROGEN

ID: 68037-59-2

0.2500 - 1.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Gasket Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ZINC OXIDE

ID: 1314-13-2

0.2500 - 1.0500

GS: LT-P1

RC: None

NANO: No

ROLE: Gasket Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC EU - R-phrases R50 - Very Toxic to Aquatic Organisms

RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only

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

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES:

TRIS(2,4-DI-TERT-BUTYLPHENYL) PHOSPHITE

ID: 31570-04-4

0.1000 - 0.1000

GS: LT-UNK

RC: None

NANO: No

ROLE: Gasket Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

PBT EU - ESIS PBT Under PBT evaluation

SUBSTANCE NOTES:

ANOX 20

ID: 6683-19-8

0.1000 - 0.1000

GS: LT-UNK

RC: None

NANO: No

ROLE: Gasket Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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

ID: 2082-79-3

0.1000 - 0.1000

GS: LT-UNK

RC: None

NANO: No

ROLE: Gasket Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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

%: 2.0000 - 2.0000

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

STEEL MANUFACTURE, CHEMICALS

ID: 65997-19-5

100.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Screw Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

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 CONTENT

UL Greenguard

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2011-05-11**

EXPIRY DATE: **2016-05-11**

CERTIFIER OR LAB: **UL Greenguard**

APPLICABLE FACILITIES: **N/A**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

LCA

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **NA**

CERTIFICATE URL:

http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/116.1_ASSA%20ABLOY_mrEPD_Pemko%20Perimeter%20Gasketing%20_20150417.pdf

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

Declare Label

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2015-09-01**

EXPIRY DATE: **2016-09-01**

CERTIFIER OR LAB: **ILFI**

APPLICABLE FACILITIES: **NA**

CERTIFICATE URL:

<http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/PEMKOPRENE.jpg>

CERTIFICATION AND COMPLIANCE NOTES:

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 not considered as impacts are not considered to be significant.

MANUFACTURER INFORMATION

MANUFACTURER: **Assa Abloy**
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 WEBSITE:
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 TITLE: **Manager, Sustainable Building Solutions**
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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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)	
BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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 HPD and for compliance with the HPD standard noted.