

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

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in
<input type="radio"/> 100 ppm	0 of 3 materials
<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 2: Material
<input type="radio"/> Per GHS SDS	Notes
<input checked="" type="radio"/> Per OSHA MSDS	<input checked="" type="radio"/> see Section 5: General
<input type="radio"/> Other	Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/> <input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes No
Screened.....	<input checked="" type="radio"/> <input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes No
Identified.....	<input checked="" type="radio"/> <input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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

VOC Content data is not applicable for this product category.

Self-Published\* VERIFIER: SCREENING DATE: May 11, 2016 EXPIRY DATE\*: May 11, 2019  
 Third Party Verified VERIFICATION #: RELEASE DATE: May 11, 2016 \* or within 3 months of significant change in product contents

\*See HPDC website for details

## Section 2: Content in Descending Order of Quantity

**Mill Aluminum Retainer, 6063-T6 alloy** %: **82.00 - 82.00** **HPD URL:**  
 Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

**ALUMINUM**

**ID: 7429-90-5**

%: 96.00 - 99.00 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**

%: 6.50 - 6.50 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**

%: 1.50 - 1.50 GS: LT-P1 RC: None NANO: NO ROLE: Retainer Component

**HAZARDS: AGENCY(IES) WITH WARNINGS:**

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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SUBSTANCE NOTES:

**MAGNESIUM**

**ID: 7439-95-4**

%: 1.20 - 1.20 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**

**ID: 7440-47-3**

%: 0.04 - 0.04 GS: LT-UNK RC: None NANO: NO ROLE: Retainer Component

**HAZARDS: AGENCY(IES) WITH WARNINGS:**

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

**Gray PemkoPrene™ gasket (Matl #8201-70 from Exxon Mobile)**

**%: 16.00 - 16.00**

**HPD URL:**

Inventory Threshold: Per OSHA MSDS

Residuals Considered: No

Material Notes:

**HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)**

**ID: 64742-54-7**

%: 35.00 - 50.00 GS: LT-1 RC: None NANO: NO ROLE: Gasket Component

**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**

%: 25.00 - 30.00

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:

**Kaolin, calcined**

**ID: 92704-41-1**

%: 10.00 - 15.00

GS: LT-P1

RC: None

NANO: NO

ROLE: Gasket Component

**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**

%: 10.00 - 20.00

GS: LT-UNK

RC: None

NANO: NO

ROLE: Gasket Component

**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-tetramethylcyclotetrasiloxane**

**ID: 68585-32-0**

%: 1.00 - 1.00

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:

**CALCIUM STEARATE**

**ID: 1592-23-0**

%: 0.50 - 0.50

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**

%: 0.25 - 1.00

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**

%: 0.25 - 1.05

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**

%: 0.10 - 0.10

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**

%: 0.10 - 0.10

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**

**ID: 2082-79-3**

%: 0.10 - 0.10

ESTER  
GS: LT-UNK

RC: None NANO: NO

ROLE: Gasket Component

SUBSTANCE NOTES:

#8 x 1/2" Sheet Metal Screws with #5 Truss Head, #410 Stainless Steel %: 2.00 - 2.00 HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes:

STEEL MANUFACTURE, CHEMICALS

ID: 65997-19-5

%: 100.00 - 100.00 GS: LT-UNK RC: None NANO: NO ROLE: Screw Component

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority 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 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%20EPD](http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/116.1_ASSA%20ABLOY_mrEPD_Pemko%20EPD)

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.

### Section 5: General Notes

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

### MANUFACTURER INFORMATION

MANUFACTURER: Assa Abloy

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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) BM-2  
Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

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

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** 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

**Nano** Composed of nanoscale particles or nanotechnology

#### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.