Floor System Expansion Joint J441-A01-050 by Inpro

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 07 95 13.13

PRODUCT DESCRIPTION: Surface-mounted frames allow for use in new, existing and renovation conditions System does not require expensive block out conditions. I Center bar support allows for wide spans while providing a sight line of less width than a typical cover plate I This architectural joint system can be used on all floor finishes including carpet, VCT and tile I Fully seismic center bar system I Low profile (LP) option available for floor to wall conditions



Section 1: Summary

Nested Method / Product Threshold

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Inventory Reporting Format				
Nested Materials Method				
C Basic Method				

O	Material
(•)	Product

Th	res	ho	ld I	lev	el

€ 100 ppm C 1,000 ppm

Per GHS SDS C Per OSHA MSDS

C Other

Residuals/Impurities

Residuals/Impurities Considered in 2 of 2 Materials

Explanation(s) provided for Residuals/Impurities? • Yes • No

All Substances Above the Threshold Indicated Are:

Characterized

% weight and role provided for all substances.

 ○ Yes Ex/SC Yes No Screened

All substances screened using Priority Hazard Lists with results disclosed.

Identified C Yes Ex/SC C Yes C 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

H ALUMINUM [ALUMINUM NoGS ZINC LT-P1 | AQU | PHY | END | MUL MAGNESIUM LT-UNK | PHY SILICON LT-UNK MANGANESE LT-P1 | END | MUL | REP COPPER LT-UNK IRON LT-P1 | END CHROMIUM LT-P1 | RES | END | SKI] D STAINLESS STEEL [NICKEL LT-1 | RES | CAN | SKI | MAM | MUL IRON LT-P1 | END CHROMIUM LT-P1 | RES | END | SKI SILICON LT-UNK MANGANESE LT-P1 | END | MUL | REP COPPER LT-UNK MOLYBDENUM LT-UNK TITANIUM LT-UNK COPPER 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:

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: Inherently non- emitting source per LEED®

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

Yes No

PREPARER: Self-Prepared

VERIFIER: **VERIFICATION #:** **SCREENING DATE: 2019-08-05** PUBLISHED DATE: 2019-08-05 EXPIRY DATE: 2022-08-05



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

H ALUMINUM %: 96.27

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered in this material

OTHER MATERIAL NOTES:

SUBSTANCE NOTES:

ALUMINUM ID: 91728-14-2 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-08-05 %: 89.00 GS: NoGS RC: Both NANO: **No ROLE: Aluminum ingredient** HAZARD TYPE AGENCY AND LIST TITLES WARNINGS No warnings found on HPD Priority Hazard Lists None found

ZINC		ID: 7440-6 6
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05
%: 2.50	GS: LT-P1	RC: Both NANO: No ROLE: Aluminum ingredient
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
MULTIPLE		Class 2 - Hazard to Waters

SUBSTANCE NOTES:

MAGNESIUM ID: 7439-95-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05		
%: 2.10	GS: LT-UNK	RC: Both NANO: No ROLE: Aluminum ingredient		
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:

SILICON ID: 7440-21-					
HAZARD SCREENING METHOD:	HAZARD SCREENING DATE: 2019-08-05				
%: 1.80	GS: LT-UNK	RC: Both	NANO: No	ROLE: Aluminum ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found			No warnings	found on HPD Priority Hazard Lists	

SUBSTANCE NOTES:

MANGANESE ID: 7439-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05		
%: 1.50	GS: LT-P1	RC: Both NANO: No ROLE: Aluminum ingredient		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
ENDOCRINE TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
MULTIPLE German FEA - Substances Hazar Waters		Class 2 - Hazard to Waters		
REPRODUCTIVE GHS - Japan		Toxic to reproduction - Category 1B		

SUBSTANCE NOTES:

COPPER ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCR	HAZARD SCREENING DATE: 2019-08-05		
%: 1.30	gs: LT-UNK	RC: Both	nano: No	ROLE: Aluminum ingredient	

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

IRON ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2019-08-05		
%: 1.10	GS: LT-P1	RC: Both	nano: No	ROLE: Aluminum ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential	Endocrine Disr	uptor	

SUBSTANCE NOTES:

CHROMIUM ID: 7440-47-3

HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05		
%: 0.50	gs: LT-P1	RC: Both NANO: No ROLE: Aluminum ingredient		
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:

D STAINLESS STEEL

%: 3.73

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered in this material

OTHER MATERIAL NOTES:

NICKEL ID: 7440-02-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

MRC: Both NANO: No ROLE: Stainless steel ingredient

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES:

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05		019-08-05
%: 28.00	GS: LT-P1	RC: Both	nano: No	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNIN	IGS	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Poten	tial Endocrine	e Disruptor

CHROMIUM				ID: 7440-47-3
HAZARD SCREENING METI	HOD: Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE: 2	019-08-05
%: 26.00	GS: LT-P1	RC: Both	nano: No	ROLE: Stainless steel ingredient

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:

SILICON		ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05		
%: 2.00	GS: LT-UNK	RC: Both NANO: No ROLE: Stainless steel ingredient		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

MANGANESE ID: 7439-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05		
%: 2.00	GS: LT-P1	RC: Both NANO: No ROLE: Stainless steel ingre		ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNIN	GS	
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		

SUBSTANCE NOTES:

COPPER ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05		
%: 1.90	GS: LT-UNK	RC: Both	nano: No	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnir	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				

MOLYBDENUM ID: 7439-98-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCRE	HAZARD SCREENING DATE: 2019-08-05		
%: 1.00	GS: LT-UNK	RC: Both	NANO: No	ROLE: Stainless steel ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found			No warnir	gs found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:					

TITANIUM				ID: 7440-32-6
HAZARD SCREENING METHOD	HAZARD SCREENING DATE: 2019-08-05		2019-08-05	
%: 0.70	gs: LT-UNK	RC: Both NAN	NO: No	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		N	lo warnin	gs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				

COPPER			ID: 7440-50-8
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05	
%: 0.60	gs: LT-UNK	RC: Both NANO: No ROLE: Stainless	steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD I	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

Inherently non- emitting source per LEED®

CERTIFYING PARTY: Self-declared

APPLICABLE FACILITIES: All

CERTIFICATE URL:

ISSUE DATE: 2019-

EXPIRY DATE:

CERTIFIER OR LAB: NA

08-05

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

See inprocorp.com for installation instructions and technical data.

MANUFACTURER INFORMATION

MANUFACTURER: Inpro

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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

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 (insuficient 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

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)

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.