Floor System Expansion Joint J427-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. Center bar support allows for wide spans while providing a sight line of less width than a typical cover plate This architectural joint system can be used on all floor finishes including carpet, VCT and tile Fully seismic center bar system Low profile (LP) option available for floor to wall conditions

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- C Basic Method
- Threshold Disclosed Per

C Material

Product

Threshold level © 100 ppm © 1,000 ppm

Per GHS SDS
Per OSHA MSDS

C Other

Residuals/Impurities

Residuals/Impurities Considered in 2 of 2 Materials

Explanation(s) provided for Residuals/Impurities? All Substances Above the Threshold Indicated Are:

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

Screened O Yes Ex/SC O Yes O No

All substances screened using Priority Hazard Lists with results disclosed.

Identified C Yes Ex/SC • 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

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] 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]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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: None

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?

YesNo

PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2019-08-05 PUBLISHED DATE: 2019-08-05 EXPIRY DATE: 2022-08-05 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

D STAINLESS STEEL	%: 77.60
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: 7440-0
IAZARD SCREENING METHOD: F	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05
6: 37.00	GS: LT-1	RC: 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 Waters	to Class 2 - Hazard to Waters
CANCER	МАК	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	МАК	Sensitizing Substance Sah - Danger of airway & skin sensitization

IRON				ID: 7439-8	
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	rials Library HAZARD SCREENING DAT		ATE: 2019-08-05	
%: 28.00	GS: LT-P1	RC: Both	NANO: NO	ROLE: Stainless steel ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	INGS		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Pote	ntial Endocrine	e Disruptor	

SUBSTANCE NOTES:

CHROMIUM		ID: 7440-47-3
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05
%: 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	МАК	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

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	WARNING	S		
None found			No warni	ngs found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:					
				ID: 7439-96-	
MANGANESE				D: 7433-30-	
	Pharos Chemical and Materials Library	HAZARD SCRE	ENING DATE: 2		

ID: 7439-89-6

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	;	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potentia	I Endocrine [Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2	- Hazard to V	laters
REPRODUCTIVE	GHS - Japan	Toxic to	reproductior	a - Category 1B
SUBSTANCE NOTES:				
-				
COPPER				ID: 7440-50-8
HAZARD SCREENING METHOD: Phar	ros Chemical and Materials Library	HAZARD SCR	EENING DATE:	2019-08-05
%: 1.90	GS: LT-UNK	RC: Both	NANO: NO	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	5	
None found			No warnii	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				
-				
MOLYBDENUM				ID: 7439-98-7
HAZARD SCREENING METHOD: Phar	ros Chemical and Materials Library	HAZARD SCR	EENING DATE:	2019-08-05
%: 1.00	GS: LT-UNK	RC: Both	NANO: NO	ROLE: Stainless steel ingredient
78. 1.00		NO. DOUT	NANO. NO	NOLL. Otamicss steel ingreatent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	;	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		ngs found on HPD Priority Hazard Lists
	AGENCY AND LIST TITLES	WARNINGS		ngs found on HPD Priority Hazard Lists
None found	AGENCY AND LIST TITLES	WARNINGS		ngs found on HPD Priority Hazard Lists
None found SUBSTANCE NOTES:	AGENCY AND LIST TITLES	WARNINGS		
None found SUBSTANCE NOTES: TITANIUM			No warnii	ID: 7440-32-6
None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Phar	ros Chemical and Materials Library	HAZARD SCR	No warnin	ID: 7440-32-6 2019-08-05
None found SUBSTANCE NOTES: TITANIUM			No warnii	ID: 7440-32-6
None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Phar	ros Chemical and Materials Library	HAZARD SCR	No warnin EENING DATE: NANO: NO	ID: 7440-32-6 2019-08-05
None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Phan %: 0.70	ros Chemical and Materials Library	HAZARD SCR RC: Both	No warnin EENING DATE: NANO: NO	ID: 7440-32-6 2019-08-05
None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: %: 0.70 HAZARD TYPE	ros Chemical and Materials Library	HAZARD SCR RC: Both	No warnin EENING DATE: NANO: NO	ID: 7440-32-6 2019-08-05 ROLE: Stainless steel ingredient
None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: %: 0.70 HAZARD TYPE None found	ros Chemical and Materials Library	HAZARD SCR RC: Both	No warnin EENING DATE: NANO: NO	ID: 7440-32-6 2019-08-05 ROLE: Stainless steel ingredient
None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: %: 0.70 HAZARD TYPE None found	ros Chemical and Materials Library	HAZARD SCR RC: Both	No warnin EENING DATE: NANO: NO	ID: 7440-32-6 2019-08-05 ROLE: Stainless steel ingredient
None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: %: 0.70 HAZARD TYPE None found SUBSTANCE NOTES:	ros Chemical and Materials Library	HAZARD SCR RC: Both WARNINGS	No warnin EENING DATE: NANO: NO	ID: 7440-32-6 2019-08-05 ROLE: Stainless steel ingredient Ings found on HPD Priority Hazard Lists

%: 0.60	GS: LT-UNK	RC: Both	NANO: NO	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnin	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				
H ALUMINUM	%::	22.40 - 22.40		
PRODUCT THRESHOLD: 100	ppm RESI	DUALS AND IMPURITIES CON	sidered: Ye	25
RESIDUALS AND IMPURITIES N	IOTES: Residuals and impurities wer	e considered in this r	naterial	
OTHER MATERIAL NOTES:				
ALUMINUM				ID: 91728-14-2
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREE	NING DATE: 20	019-08-05
%: 89.00	GS: NoGS	RC: Both	NANO: NO	ROLE: Aluminum ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnin	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				
ZINC				ID: 7440-66-6
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2019-08-05
%: 2.50	GS: LT-P1	RC: Both	NANO: NO	ROLE: Aluminum ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

ZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05		
a: 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		

MA	Ch.	ICO	11 I K	
IVIA	(31)	153	11 J N	

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 - Ca	tches fire spor	ntaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		contact with w / ignite sponta	ater releases flammable gases neously
SUBSTANCE NOTES:				
SILICON				iD: 7440-21- 3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCR	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 ingredien	ıt
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	

COPPER				ID: 7440-50-8
HAZARD SCREENING METHO	DE: Pharos Chemical and Materials Library	ibrary HAZARD SCREENING DATE: 2019-08-05		019-08-05
%: 1.30	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

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 Disruptor SUBSTANCE NOTES:

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD:	Pharos 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	МАК	Sensitizing Substance Sh - Danger of skin sensitization		

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- 08-05	EXPIRY DATE:	CERTIFIER OR LAB: NA		
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 ADDRESS: S80W18766 Apollo Drive Muskego Wisconsin 53150, USA WEBSITE: www.inprocorp.com CONTACT NAME: Laura Loucks TITLE: Sustainability Specialist PHONE: 262-679-9010 EMAIL: laloucks@inprocorp.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

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

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.

REP Reproductive toxicity RES Respiratory sensitization SKI Skin sensitization/irritation/corrosivity LAN Land Toxicity NF Not found on Priority Hazard Lists

PHY Physical Hazard (reactive)

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)