JointMaster 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 O Yes Ex/SC O Yes O 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: 2019-09-18 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 Impuritie	s were considered in this material

OTHER MATERIAL NOTES:

		ID: 7440-			
ZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05			
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: 7439-89-6
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD	SCRE	EENING DATE: 20	019-08-05
%: 28.00	GS: LT-P1	RC: BO	th	NANO: NO	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	V	VARNII	NGS	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	F	Poter	ntial Endocrine	Disruptor

SUBSTANCE NOTES:

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CHROMIUM		ID: 7440-47-3
HAZARD SCREENING METHOD: Ph	aros 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

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 ing	gredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Ha	azard Lists
SUBSTANCE NOTES:			
MANGANESE		ID:	7439-96-
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 ing	redient

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS				
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential En	ndocrine Di	isruptor		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Ha	azard to Wa	aters		
REPRODUCTIVE	GHS - Japan	Toxic to rep	production	- Category 1B		
SUBSTANCE NOTES:						
•						
COPPER					ID: 7	440-50-8
HAZARD SCREENING METHOD: Pharos C	Chemical and Materials Library	HAZARD SCREENI	ING DATE: 2	019-08-05		
%: 1.90	GS: LT-UNK	RC: Both N/	ano: No	ROLE: Stainle	ess steel ingr	edient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS				
None found			No warning	gs found on HF	PD Priority Haz	ard Lists
SUBSTANCE NOTES:						
MOLYBDENUM					ID: 7	439-98-7
HAZARD SCREENING METHOD: Pharos C	Chemical and Materials Library	HAZARD SCREENI	ING DATE: 2	019-08-05		
HAZARD SCREENING METHOD: Pharos C %: 1.00	GS: LT-UNK		ING DATE: 2 ANO: NO		ess steel ingr	edient
					ess steel ingr	edient
%: 1.00	GS: LT-UNK	RC: Both N/	ano: No			
%: 1.00 HAZARD TYPE	GS: LT-UNK	RC: Both N/	ano: No	ROLE: Stainle		
%: 1.00 HAZARD TYPE None found	GS: LT-UNK	RC: Both N/	ano: No	ROLE: Stainle		
%: 1.00 HAZARD TYPE None found	GS: LT-UNK	RC: Both N/	ano: No	ROLE: Stainle	יD Priority Haz	
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES:	GS: LT-UNK AGENCY AND LIST TITLES	RC: Both N/	ANO: No	ROLE: Stainle	יD Priority Haz	ard Lists
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES: TITANIUM	GS: LT-UNK AGENCY AND LIST TITLES	RC: Both N/ WARNINGS	ANO: No	ROLE: Stainle	יD Priority Haz	ard Lists 2440-32-6
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Pharos C	GS: LT-UNK AGENCY AND LIST TITLES	RC: Both N/ WARNINGS	NO: NO No warning	ROLE: Stainle	PD Priority Haz	ard Lists 2440-32-6
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Pharos C %: 0.70	GS: LT-UNK AGENCY AND LIST TITLES Chemical and Materials Library GS: LT-UNK	RC: Both N/ WARNINGS HAZARD SCREENI RC: Both N/ WARNINGS	No warning	ROLE: Stainle	PD Priority Haz ID: 7	ard Lists 440-32-6 redient
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Pharos C %: 0.70 HAZARD TYPE	GS: LT-UNK AGENCY AND LIST TITLES Chemical and Materials Library GS: LT-UNK	RC: Both N/ WARNINGS HAZARD SCREENI RC: Both N/ WARNINGS	No warning	ROLE: Stainle	PD Priority Haz ID: 7	ard Lists 440-32-6 redient
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Pharos C %: 0.70 HAZARD TYPE None found	GS: LT-UNK AGENCY AND LIST TITLES Chemical and Materials Library GS: LT-UNK	RC: Both N/ WARNINGS HAZARD SCREENI RC: Both N/ WARNINGS	No warning	ROLE: Stainle	PD Priority Haz ID: 7	ard Lists 440-32-6 redient
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Pharos C %: 0.70 HAZARD TYPE None found	GS: LT-UNK AGENCY AND LIST TITLES Chemical and Materials Library GS: LT-UNK	RC: Both N/ WARNINGS HAZARD SCREENI RC: Both N/ WARNINGS	No warning	ROLE: Stainle	PD Priority Haz ID: 7 Pess steel ingr PD Priority Haz	ard Lists 440-32-6 redient
%: 1.00 HAZARD TYPE None found SUBSTANCE NOTES: TITANIUM HAZARD SCREENING METHOD: Pharos C %: 0.70 HAZARD TYPE None found SUBSTANCE NOTES:	GS: LT-UNK AGENCY AND LIST TITLES Chemical and Materials Library GS: LT-UNK AGENCY AND LIST TITLES	RC: Both N/ WARNINGS HAZARD SCREENI RC: Both N/ WARNINGS	No warning ING DATE: 2 ANO: NO	ROLE: Stainle gs found on HF 2019-08-05 ROLE: Stainle gs found on HF	PD Priority Haz ID: 7 Pess steel ingr PD Priority Haz	ard Lists '440-32-6 'edient ard Lists

%: 0.60	GS: LT-UNK	RC: Both NANC	D: No ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No	warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:			
H ALUMINUM	%: 22.	.40 - 22.40	
PRODUCT THRESHOLD: 100 K	opm residua	ALS AND IMPURITIES CONSIDERE	ED: Yes
RESIDUALS AND IMPURITIES NO	DTES: Residuals and impurities were of	considered in this mater	rial
OTHER MATERIAL NOTES:			
ALUMINUM			ID: 91728-14-2
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING D	ATE: 2019-08-05
%: 89.00	GS: NoGS	RC: Both NANC	ROLE: Aluminum ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No	warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:			
ZINC			ID: 7440-66-6
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING	DATE: 2019-08-05
%: 2.50	GS: LT-P1	RC: Both NAN	NO: NO ROLE: Aluminum ingredient

ZARD 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			
IAZARD 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			

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ID: 7440-21-3

a: 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:					

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:

SILICON

MANGANESE				ID: 7439- 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 Dis	ruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 -	Hazard to Wat	ters
REPRODUCTIVE	GHS - Japan	Toxic to r	eproduction -	Category 1B

COPPER				ID: 7440-50-
HAZARD SCREENING METHOD	e: Pharos Chemical and Materials Library	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

GLO Global warming

Hazard Types

AQU Aquatic toxicity CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation

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

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)

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.