JointMaster Expansion Joint J428-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
 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 C Yes Ex/SC O Yes C 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	%: 69.26
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes
RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities	s were considered in this material

OTHER MATERIAL NOTES:

.

AZARD SCREENING METHOD: PI	naros Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05		
: 37.00	GS: LT-1	RC: Both NANO: No ROLE: Stainless steel ingredien		
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 o repeated exposure		
MULTIPLE	German FEA - Substances Hazardous to Waters	o 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:	AZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-05	
%: 28.00	GS: LT-P1	RC: Both	NANO: No	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	INGS	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Poter	ntial Endocrine	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:

ARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCRI	EENING DATE:	2019-08-05
2.00	GS: LT-UNK	RC: Both	NANO: NO	ROLE: Stainless steel ingredient
AZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
one found			No warnii	ngs found on HPD Priority Hazard Lists
UBSTANCE NOTES:				
NGANESE				id: 7439-96-
ARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREE	NING DATE: 20	019-08-05
2.00	GS: LT-P1	RC: Both	NANO: NO	ROLE: Stainless steel ingredient

ID: 7439-89-6

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: Bot	NANO: NO	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
None found			No warnii	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				
HALUMINUM		%: 30.73 - 30.73		
product threshold: 100 ppm		RESIDUALS AND IMPURITIES (ONSIDERED: Ye	es
RESIDUALS AND IMPURITIES NOTES: F	Residuals and impuritie	s were considered in th	s material	
OTHER MATERIAL NOTES:				
ALUMINUM				ID: 91728-14-2
HAZARD SCREENING METHOD: Pharos	Chemical and Materials I	Library HAZARD SC	REENING DATE: 2	019-08-05
%: 89.00	GS: NoGS	RC: Both	NANO: NO	ROLE: Aluminum ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
None found			No warnii	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				
ZINC				id: 7440-66-6
HAZARD SCREENING METHOD: Pharos	Chemical and Materials I	Library HAZARD	SCREENING DATE:	2019-08-05
%: 2.50	GS: LT-P1	RC: Bot	h NANO: NO	ROLE: Aluminum ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	NGS	
ACUTE AQUATIC	EU - GHS (H-Statements	e) H400	- Very toxic to a	aquatic life
	ELL - GHS (H-Statements		Van tavia ta	aquatic life with long lasting effects

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 AQUATICEU - GHS (H-Statements)CHRON AQUATICEU - GHS (H-Statements)PHYSICAL HAZARD (REACTIVE)EU - GHS (H-Statements)PHYSICAL HAZARD (REACTIVE)EU - GHS (H-Statements)PHYSICAL HAZARD (REACTIVE)EU - GHS (H-Statements)ENDOCRINETEDX - Potential Endocrine Disruptors		H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects			
		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 - 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: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			EENING DATE: 2	019-08-05
%: 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: F	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 Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B

COPPER				ID: 7440-50-8
HAZARD SCREENING METHO	D: Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE: 2019-08-05	
%: 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	Asthmage	en (Rs) - sensit	izer-induced		
	ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor			
	SKIN SENSITIZE	МАК	Sensitizin	g Substance S	h - 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 so	Inherently non- emitting source per LEED®				
CERTIFYING PARTY: Self-declared Applicable facilities: All CERTIFICATE URL:	ISSUE DATE: 2019- EXPIRY D 08-05	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.