JointMaster Expansion Joint J471-A02-050 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



Product

Section 1: Summary

Nested Method / Product Threshold

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Inventory Reporting Format	Threshold level	Residuals/Impurities	All Substances Abo	ve the Threshold Indicated Are:
Nested Materials Method	⊙ 100 ppm	Residuals/Impurities	Characterized	○ Yes Ex/SC ⊙ Yes ○
C Basic Method	C 1,000 ppm	Considered in 2 of 2 Materials		
	Per GHS SDS		% weight and role p	provided for all substances.
Threshold Disclosed Per	Per OSHA MSDS	Explanation(s) provided		
	_	for Residuals/Impurities?	Screened	C Yes Ex/SC C Yes C
C Material	C Other	C Yes C No	All substances sere	anad using Priority Hazard Lists

Characterized % weight and role pr	C Yes Ex/SC • Yes C No rovided for all substances.
Screened All substances screet results disclosed.	○ Yes Ex/SC ○ Yes ○ No aned using Priority Hazard Lists with
Identified	C Yes Ex/SC € Yes C No
All substances disclo	osed by Name (Specific or Generic) and

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]

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? PREPARER: Self-Prepared VERIFIER: Yes **VERIFICATION #:** No

SCREENING DATE: 2019-08-05 PUBLISHED DATE: 2019-09-18 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

D STAINLESS STEEL

%: 53.93

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES:

AZARD SCREENING METHOD: PI	haros Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05
o: 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 t Waters	to 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

IRON ID: 7439-89-6

HAZARD SCREENING METHOD: P	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	WARNING	GS	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potent	tial 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	WARNI	INGS		
RESPIRATORY	AOEC - Asthmagens	Asthi	magen (Rs) - s	ensitizer-induced	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Pote	ntial Endocrine	e Disruptor	
SKIN SENSITIZE	MAK	Sens	itizing Substar	nce Sh - Danger of skin sensitization	

SUBSTANCE NOTES:

SILICON ID: 7440-21-3

HAZARD SCREENING METHOD	e: 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 SCRI	EENING DATE: 2	2019-08-05
%: 2.00	GS: LT-P1	RC: Both	nano: No	ROLE: Stainless steel 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
SUBSTANCE NOTES:		

COPPER 1D: 7440-50						
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 warnings found on HPD Priority Hazard Lists				

MOLYBDENUM ID: 7439-9						
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	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	ngs found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:						

TITANIUM ID: 7440-3					
HAZARD SCREENING METHOD:	HAZARD SCREENING DATE: 2019-08-05				
%: 0.70	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	

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 Priority Hazard Lists
SUBSTANCE NOTES:		

H ALUMINUM %: 46.07

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

*** 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

SUBSTANCE NOTES:

RD SCREENING METHOD: Pharos (Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-05
50	GS: LT-P1	RC: Both NANO: No ROLE: Aluminum ingredient
ARD TYPE	AGENCY AND LIST TITLES	WARNINGS
UTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
RON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
YSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
YSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
DOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
JLTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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 - Cato	ches fire spon	taneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		ontact with wa ignite spontar	ater releases flammable gases neously

SUBSTANCE NOTES:

SILICON ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		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 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 SCR	HAZARD SCREENING 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 SCRE	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 Dis	ruptor	

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	MAK	Sensitizing Substance Sh - Danger of skin sensitization	



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.

08-05

VOC EMISSIONS

Inherently non- emitting source per LEED®

CERTIFYING PARTY: Self-declared

APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2019-

EXPIRY DATE:

CERTIFIER OR LAB: NA



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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LT-P1 List Translator Possible Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient

information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

LT-1 List Translator Likely Benchmark 1

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

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.