# Floor System Expansion Joint J421-A01-100 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 Considered in 2 of 2 Materials

**Residuals/Impurities** 

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

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 ]

#### **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: 2019-08-06 PUBLISHED DATE: 2019-08-06 EXPIRY DATE: 2022-08-06 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	%: 61.90		
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND	d impurities considered: Yes	
RESIDUALS AND IMPURITIES NOTES: $\mathbf{R}$	esiduals and impurities were consid	dered in this material	
OTHER MATERIAL NOTES:			
ALUMINUM		ID: <b>91728</b>	14-2
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-06	
%: 89.00	GS: NoGS	RC: Both NANO: No ROLE: Aluminum ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard I	ists
ZINC HAZARD SCREENING METHOD: Pharos		ID: 7440 HAZARD SCREENING DATE: 2019-08-06	66-6
%: <b>2.50</b>	GS: <b>LT-P1</b>	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) EU - GHS (H-Statements)	H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects	
CHRON AQUATIC PHYSICAL HAZARD (REACTIVE)			
	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements) EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects H250 - Catches fire spontaneously if exposed to air H260 - In contact with water releases flammable gases	
PHYSICAL HAZARD (REACTIVE) PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements) EU - GHS (H-Statements) EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects H250 - Catches fire spontaneously if exposed to air H260 - In contact with water releases flammable gases which may ignite spontaneously	

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-06		
%: <b>2.10</b>	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		HAZARD SCREENING DATE: 2019-08-06		
%: <b>1.80</b>	GS: LT-UNK	RC: Both	NANO: <b>NO</b>	ROLE: Aluminum ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings	found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

MANGANESE		ID: <b>7439-96-5</b>
HAZARD SCREENING METHOD: F	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-06
%: <b>1.50</b>	gs: <b>LT-P1</b>	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: <b>7440-50-8</b>
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-08-06		
%: <b>1.30</b>	GS: LT-UNK	RC: Both	NANO: <b>NO</b>	ROLE: Aluminum ingredient

HAZARD TYPE	
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None found

AGENCY AND LIST TITLES

WARNINGS

No warnings found on HPD Priority Hazard Lists

ID: 7439-89-6

SUBSTANCE NOTES:

#### IRON

 HAZARD SCREENING METHOD:
 Pharos Chemical and Materials Library
 HAZARD SCREENING DATE:
 2019-08-06

 %:
 1.10
 GS:
 LT-P1
 RC:
 Both
 NANO:
 No
 ROLE:
 Aluminum ingredient

 HAZARD TYPE
 AGENCY AND LIST TITLES
 WARNINGS
 VARNINGS

 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: 2019-08-06 %: **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

D STAINLESS STEEL	%: 38.10
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:	
NICKEL	ID: <b>7440-02-0</b>
HAZARD SCREENING METHOD: Pharos Chemical and Materials L	ibrary HAZARD SCREENING DATE: 2019-08-06
%: <b>37.00</b> GS: <b>LT-1</b>	RC: Both NANO: No ROLE: Stainless steel ingredient
	HAZARD SCREENING METHOD: Pharos Chemical and Materials L

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	МАК	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	МАК	Sensitizing Substance Sah - Danger of airway & skin sensitization

HAZARD SCREENING METHOD: P	haros Chemical and Materials Library	HAZARD SCR	EENING DATE: 2	019-08-06	
%: 28.00	GS: <b>LT-P1</b>	RC: Both	NANO: <b>NO</b>	ROLE: Stainless ste	el ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Poter	ntial Endocrine	Disruptor	
SUBSTANCE NOTES:					
CHROMIUM					id: <b>7440-47-</b>
HAZARD SCREENING METHOD: P	haros Chemical and Materials Library	HAZARD SCR	EENING DATE: 2	019-08-06	
%: 26.00	GS: <b>LT-P1</b>	RC: Both	NANO: <b>NO</b>	ROLE: Stainless ste	el 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:		
SILICON		ID: <b>7440-21-3</b>
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-06
%: <b>2.00</b>	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: <b>7439-96-5</b>
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2019-08-06
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library GS: LT-P1	HAZARD SCREENING DATE: 2019-08-06 RC: Both NANO: No ROLE: Stainless steel ingredient
%: 2.00	GS: <b>LT-P1</b>	RC: Both NANO: No ROLE: Stainless steel ingredient
%: <b>2.00</b> HAZARD TYPE	GS: LT-P1	RC: Both NANO: No ROLE: Stainless steel ingredient
%: 2.00 HAZARD TYPE ENDOCRINE	GS: LT-P1 AGENCY AND LIST TITLES TEDX - Potential Endocrine Disruptors German FEA - Substances Hazardous to	RC: Both NANO: NO ROLE: Stainless steel ingredient WARNINGS Potential Endocrine Disruptor
%: 2.00 HAZARD TYPE ENDOCRINE MULTIPLE	GS: LT-P1 AGENCY AND LIST TITLES TEDX - Potential Endocrine Disruptors German FEA - Substances Hazardous to Waters	RC: Both       NANO: No       ROLE: Stainless steel ingredient         WARNINGS       Potential Endocrine Disruptor         Class 2 - Hazard to Waters
%: 2.00 HAZARD TYPE ENDOCRINE MULTIPLE REPRODUCTIVE	GS: LT-P1 AGENCY AND LIST TITLES TEDX - Potential Endocrine Disruptors German FEA - Substances Hazardous to Waters	RC: Both       NANO: No       ROLE: Stainless steel ingredient         WARNINGS       Potential Endocrine Disruptor         Class 2 - Hazard to Waters
%: 2.00 HAZARD TYPE ENDOCRINE MULTIPLE REPRODUCTIVE SUBSTANCE NOTES: COPPER	GS: LT-P1 AGENCY AND LIST TITLES TEDX - Potential Endocrine Disruptors German FEA - Substances Hazardous to Waters	RC: Both NANO: No   ROLE: Stainless steel ingredient   WARNINGS   Potential Endocrine Disruptor   Class 2 - Hazard to Waters   Toxic to reproduction - Category 1B
%: 2.00 HAZARD TYPE ENDOCRINE MULTIPLE REPRODUCTIVE SUBSTANCE NOTES: COPPER	GS: LT-P1 AGENCY AND LIST TITLES TEDX - Potential Endocrine Disruptors German FEA - Substances Hazardous to Waters GHS - Japan	RC: Both       NANO: NO       ROLE: Stainless steel ingredient         WARNINGS       Potential Endocrine Disruptor         Class 2 - Hazard to Waters         Toxic to reproduction - Category 1B
%: 2.00         HAZARD TYPE         ENDOCRINE         MULTIPLE         REPRODUCTIVE         SUBSTANCE NOTES:         COPPER         HAZARD SCREENING METHOD:         Ph	GS: LT-P1 AGENCY AND LIST TITLES TEDX - Potential Endocrine Disruptors German FEA - Substances Hazardous to Waters GHS - Japan arros Chemical and Materials Library	RC: Both       NANO: NO       ROLE: Stainless steel ingredient         WARNINGS       Potential Endocrine Disruptor         Class 2 - Hazard to Waters         Toxic to reproduction - Category 1B         D: 7440-50-8
%: 2.00   HAZARD TYPE   ENDOCRINE   MULTIPLE   REPRODUCTIVE   SUBSTANCE NOTES:   COPPER   HAZARD SCREENING METHOD: Ph   %: 1.90	GS: LT-P1 AGENCY AND LIST TITLES TEDX - Potential Endocrine Disruptors German FEA - Substances Hazardous to Waters GHS - Japan aros Chemical and Materials Library GS: LT-UNK	RC: Both NANO: No   ROLE: Stainless steel ingredient   WARNINGS   Potential Endocrine Disruptor Class 2 - Hazard to Waters   Class 2 - Hazard to Waters   Toxic to reproduction - Category 1B En: 7440-50-8 MAZARD SCREENING DATE: 2019-08-06 RC: Both NANO: No ROLE: Stainless steel ingredient

MOLYBDENUM				ID: <b>7439-98-7</b>
HAZARD SCREENING METHOD	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2019-08-06
%: <b>1.00</b>	GS: LT-UNK	RC: Both	NANO: <b>NO</b>	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:				
TITANIUM				ID: <b>7440-32-6</b>
HAZARD SCREENING METHOD	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2019-08-06
%: <b>0.70</b>	GS: LT-UNK	RC: Both	NANO: <b>NO</b>	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	3	
None found			No warnii	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				
COPPER				ID: <b>7440-50-8</b>
HAZARD SCREENING METHOD	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2019-08-06
%: <b>0.60</b>	GS: LT-UNK	RC: Both	NANO: <b>NO</b>	ROLE: Stainless steel ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	3	
None found			No warnii	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				

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 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

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

**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

# 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.