

HPD UNIQUE IDENTIFIER: 25763

CLASSIFICATION: 10 26 13 Corner Guards

PRODUCT DESCRIPTION: Conceal previous dings and scrapes with a variety of corner guard wing sizes, angles, and heights. Achieve a finished look with color coordinated top and bottom caps included with every corner guard unit. Non-PVC cover is manufactured with G2 BioBlend Inpro's exclusive reformulated PETG made with a corn-based biopolymer.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

- Inventory Reporting Format
- [x] Nested Materials Method
- [] Basic Method
Threshold Disclosed Per
- [x] Material
- [] Product

- Threshold level
- [x] 100 ppm
- [] 1,000 ppm
- [] Per GHS SDS
- [] Other

- Residuals/Impurities
- Residuals/Impurities Considered in 4 of 4 Materials
- Explanation(s) provided for Residuals/Impurities?
- [x] Yes [] No

All Substances Above the Threshold Indicated Are:
Characterized [] Yes Ex/SC [x] Yes [] No
% weight and role provided for all substances.
Screened [] Yes Ex/SC [x] Yes [] No
All substances screened using Priority Hazard Lists with results disclosed.
Identified [] Yes Ex/SC [] Yes [x] No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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
ALUMINUM [ALUMINUM NoGS SILICON LT-UNK IRON LT-P1 | END MAGNESIUM LT-UNK | PHY ZINC LT-P1 | AQU | PHY | END | MUL] G2 BIOBLEND RESIN [POLYETHYLENE TEREPHTHALATE GLYCOL (PETG) NoGS UNDISCLOSED NoGS UNDISCLOSED NoGS] FIRE RETARDANT [UNDISCLOSED NoGS UNDISCLOSED BM-1] DESIGNER WHITE PIGMENT [POLYETHYLENE TEREPHTHALATE GLYCOL (PETG) NoGS UNDISCLOSED LT-1 | CAN | END]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

None

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: Greenguard
VOC emissions: Greenguard Gold
Multi-attribute: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- [] Yes
[x] No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-08-10

PUBLISHED DATE: 2021-08-13

EXPIRY DATE: 2023-08-10

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

ALUMINUM %: 66.0000

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

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

OTHER MATERIAL NOTES:

ALUMINUM ID: 91728-14-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-10 18:23:51

%: 0.9900 GS: NoGS RC: Both NANO: No SUBSTANCE ROLE: Monomer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

SILICON ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-10 18:23:51

%: 0.0100 GS: LT-UNK RC: Both NANO: No SUBSTANCE ROLE: Monomer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

IRON ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-10 18:23:51

%: 0.0100 GS: LT-P1 RC: Both NANO: No SUBSTANCE ROLE: Monomer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES:

MAGNESIUM ID: 7439-95-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-10 18:23:51

%: 0.0100 GS: LT-UNK RC: Both NANO: No SUBSTANCE ROLE: Monomer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES:

ZINC ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:52**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

G2 BIOBLEND RESIN

%: **28.6500**

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this product

OTHER MATERIAL NOTES:

POLYETHYLENE TEREPHTHALATE GLYCOL (PETG)

ID: **25640-14-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:49**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:50**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Propriety according to supplier request

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:50**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Propriety according to supplier request

FIRE RETARDANT

%: **3.6300 - 3.6300**

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this material

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:49**%: **90.0000 - 90.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Proprietary based on supplier information.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:50**%: **25.0000 - 25.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Proprietary based on supplier information.

DESIGNER WHITE PIGMENT%: **1.2100**MATERIAL THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

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

OTHER MATERIAL NOTES: None

POLYETHYLENE TEREPHTHALATE GLYCOL (PETG)ID: **25640-14-6**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:50**%: **63.5000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10 18:23:50**%: **35.0800 - 35.0800** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CAN US CDC - Occupational Carcinogens Occupational Carcinogen

CAN CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route

CAN IARC Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CAN MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

END TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

CAN MAK Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Propriety according to supplier request

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.

VOC EMISSIONS

Greenguard

CERTIFYING PARTY: Third Party
ISSUE DATE: 2009-03-12 EXPIRY DATE: 2020-03-12 CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: All
CERTIFICATE URL: <https://spot.ul.com>

CERTIFICATION AND COMPLIANCE NOTES: GREENGUARD Certification Number: 6625-410 Certification Status: Certified

VOC EMISSIONS

Greenguard Gold

CERTIFYING PARTY: Third Party
ISSUE DATE: 2009-03-12 EXPIRY DATE: 2020-03-12 CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: All
CERTIFICATE URL: <https://spot.ul.com>

CERTIFICATION AND COMPLIANCE NOTES: GREENGUARD Gold Certification Number: 6625-420 Certification Status: Certified

MULTI-ATTRIBUTE

Environmental Product Declaration

CERTIFYING PARTY:	Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
APPLICABLE FACILITIES:	All	2013-	2019-	UL Environment
CERTIFICATE URL:	https://easternus.azureedge.net/~media/Inpro/TDM%20Files/Documents//n/p/r/o/Inpro%20Corner%20Guard%20EPDIPC2288%20Rev1.pdf.ashx?modified=20170414105638			

CERTIFICATION AND COMPLIANCE NOTES: "Environmental Product Declarations (EPDs) certified by UL enable manufacturers to make those disclosures in a credible, streamlined and universally understood manner. An Environmental Product Declaration is a comprehensive, internationally harmonized report created by a product manufacturer that documents the ways in which a product, throughout its lifecycle, affects the environment. UL certifies that the correct type of information is in the report. UL-certified EPDs demonstrate a manufacturer's commitment to sustainability while showcasing that manufacturer's willingness to go above and beyond -- all in the name of transparency and clarity. They also help purchasers to better understand a product's sustainable qualities and environmental repercussions. As such, certified EPDs equip manufacturers with a valuable tool for differentiation and empower customers to make more informed purchasing decisions." To learn more: <http://services.ul.com/service/environmental-product-declaration/>

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

None

MANUFACTURER INFORMATION

MANUFACTURER: **Inpro**
 ADDRESS: **S80 W18766 Apollo Drive**
Muskego Wisconsin 53150, United States
 WEBSITE: **www.inprocorp.com**

CONTACT NAME: **Jess Jenkins**
 TITLE: **Environmental and Technical Project Specialist**
 PHONE: **2626799010**
 EMAIL: **jjenkins@inprocorp.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.