created via: HPDC Online Builder

CLASSIFICATION: 10 26 00

PRODUCT DESCRIPTION: Product Description: The 900 Vinyl Handrail in Designer White is a traditionally styled handrail that provides protection to the wall and support for users. Additionally: it meets safety codes with ADA and ANSI compliance; can be ordered in either vinyl or non-PVC; and is Greenguard certified.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format

Nested Materials Method

C Basic Method

Threshold Disclosed Per

 Material C Product

Threshold level € 100 ppm

C 1.000 ppm C Per GHS SDS

C Per OSHA MSDS C Other

Residuals/Impurities

Residuals/Impurities Considered in 3 of 3 Materials

for Residuals/Impurities? € Yes € No

All Substances Above the Threshold Indicated Are:

Characterized

% weight and role not provided for all substances and/ or one or more Special Condition did not follow guidance.

Screened

○ Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified

○ Yes Ex/SC ○ Yes ○ 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 LT-P1 | RES | PHY | END HEAVY NORMAL PARAFFINS (PETROLEUM) LT-UNK ALUMINUM (ALUMINUM LI-P) | RES | PHY | END HEAVY NORMAL PARAFFINS (PETROLEUM) LI-DIK SILICON LT-UNK IRON LT-P) | END ZINC LT-P) | AQU | PHY | END | MUL MAGNESIUM LT-UNK | PHY COPPER LT-UNK MANGANESE LT-P) | END | MUL | REP TIN LT-UNK BISMUTH LT-UNK] POLYVINYL CHLORIDE RESIN | POLYVINYL CHLORIDE (PVC) LT-P1 | RES UNDISCLOSED NOGS UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | PBT | SKI | DEL | MAM | MUL UNDISCLOSED LT-P1 | LYND UNDISCLOSED LT-P1 | END UNDISCLOSED LT-P1 | UNDISCLOSED LT-P1 | UNDISCLOSED LT-P1 | LYND UNDISCLOSED LT-P1 | UNDISCLOSED LT-P1 | LYND UNDISCLOSED LT LT-P1 | END] DESIGNER WHITE PIGMENT [POLYETHYLENE TEREPHTHALATE GLYCOL (PETG) NoGS UNDISCLOSED LT-1 | CAN | END]

Number of Greenscreen BM-4/BM3 contents ... 1 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: Greenguard Certification VOC emissions: Greenguard Gold Certification Multi-attribute: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

C Yes No

PREPARER: Self-Prepared VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-08-28 PUBLISHED DATE: 2020-01-28 EXPIRY DATE: 2020-08-28



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

ALUMINUM		%: 67.52				
MATERIAL THRESHOLD: 100 ppm		RESIDUALS AND IMF	PURITIES CONS	IDERED: Yes		
RESIDUALS AND IMPURITIES NOTES: Residuals and in	npurities were considered					
OTHER MATERIAL NOTES: None						
ALUMINUM						ID: 7429-90-5
HAZARD SCREENING METHOD: Pharos Chemical and Ma	aterials Library	HA	ZARD SCREENIN	G DATE: 2017-08-28		
%: 99.40 - 99.40	GS: LT-P1	RC	: None	NANO: No	ROLE: Aluminum Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES			WARNINGS		
RESPIRATORY	AOEC - Asthmagens			Asthmagen (Rs) - sensitiz	er-induced	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)			H228 - Flammable solid		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)			H250 - Catches fire spont	taneously if exposed to air	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)			H261 - In contact with wa	nter releases flammable gases	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	;		Potential Endocrine Disru	ptor	
SUBSTANCE NOTES: None						
HEAVY NORMAL PARAFFINS (PETROLEUM)						ID: 64771-72-8
HAZARD SCREENING METHOD: Pharos Chemical and Ma	aterials Library		HAZARD SC	REENING DATE: 2017-08-28	3	
%: 1.00 - 1.00	GS: LT-UNK		RC: None	nano: No	ROLE: Aluminum ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES			WARNINGS		
None found					No warnings found on HPD	Priority Hazard Lists
SUBSTANCE NOTES: None						
1						
SILICON						ID: 7440-21-3
HAZARD SCREENING METHOD: Pharos Chemical and Ma	atoriale Library		HAZARD CO	REENING DATE: 2017-08-28	<u> </u>	ID: 7440-21-3
%: 1.00 - 1.00	GS: LT-UNK		RC: None	NANO: NO	ROLE: Aluminum Ingredient	
76: 1.00 - 1.00	GS: LI-ONK		HO: NOTICE	NANO: NO	ROLE: Aluminum ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES			WARNINGS		
None found					No warnings found on HPD	Priority Hazard Lists
SUBSTANCE NOTES: None						
IRON						ID: 7439-89-6
HAZARD SCREENING METHOD: Pharos Chemical and Ma	aterials Library		HAZARD SCREE	NING DATE: 2017-08-28		
%: 1.00 - 1.00	GS: LT-P1		RC: None	nano: No	ROLE: Aluminum Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES			WARNINGS		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	;		Potential Endocrine Disru	ptor	
SUBSTANCE NOTES: None						

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library GS: LT-P1 RC: None NANO: No ROLE: Aluminum Ingredient MAZARD TYPE AGENCY AND LIST TITLES MARNINGS 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 if exposed to air ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters	ZINC				ID: 7440-66-
ACUTE AQUATIC EU - GHS (H-Statements) CHRON AQUATIC EU - GHS (H-Statements) H410 - Very toxic to aquatic life H410 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects 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	HAZARD SCREENING METHOD: Pharos Chemical	and Materials Library	HAZARD SCRI	EENING DATE: 2017-08-28	
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	%: 1.00 - 1.00	GS: LT-P1	RC: None	nano: No	ROLE: Aluminum Ingredient
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	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 ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor	ACUTE AQUATIC	EU - GHS (H-Statements)		H400 - Very toxic to aquati	ic life
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	CHRON AQUATIC EU - GHS (H-Statements)		H410 - Very toxic to aquatic life with long lasting effects		
ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor	PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire sponta	neously if exposed to air
	PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water	er releases flammable gases which may ignite spontaneously
MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters	ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disrup	otor
	MULTIPLE	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	5

	MAGNESIUM					ID: 743	9-95-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD	HAZARD SCREENING DATE: 2017-08-28				
	%: 1.00 - 1.00	gs: LT-UNK	RC: No	ie	nano: No	ROLE: Aluminum Ingredient	
	HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
	PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Ca	atches fire spontane	ously if exposed to air	
	PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In	contact with water	releases flammable gases which may ignite spontaneou	ısly
	SUBSTANCE NOTES: None						

COPPER		ID: 74 /	40-50-8
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREENING DATE: 2017-08-28	
%: 0.30 - 0.30	GS: LT-UNK	RC: None NANO: No ROLE: Aluminum Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard	d Lists
SUBSTANCE NOTES: None			

MANGANESE						ID: 7439-96-5
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2017-08-28				
%: 0.20 - 0.20	GS: LT-P1	RC: None	NANO:	: No	ROLE: Aluminum Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endoc	crine Disruptor		
MULTIPLE	German FEA - Substances Hazardous to Waters		Class 2 - Hazard	rd to Waters		
REPRODUCTIVE	Japan - GHS		Toxic to reprod	luction - Category	1B	
SUBSTANCE NOTES: None						

TIN				ID: 7440-31-5
HAZARD SCREENING METHOD: Pharos Chemical and N	flaterials Library	HAZARD SCREENING	DATE: 2017-08-28	
%: 0.10	gs: LT-UNK	RC: None	nano: No	ROLE: Aluminum ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found				No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: None				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

96: 0.10

GS: LT-UNK

RC: None

NANO: No

ROLE: Aluminum Ingredient

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

POLYVINYL CHLORIDE RESIN

%: 30.08 - 30.08

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES:

POLYVINYL CHLORIDE (PVC)					ID: 9002-86-2	
HAZARD SCREENING METHOD: Pharos Chemical and M	aterials Library	HAZARD SCREENING DATE: 2017-08-28				
%: 88.78 - 88.78	gs: LT-P1	RC: None	nano: No	ROLE: Profile Resin Ingredient		
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
RESPIRATORY	AOEC - Asthmagens		Asthmagen (Rs) - sensitiz	er-induced		
	HAZARD SCREENING METHOD: Pharos Chemical and M %: 88.76 - 88.78 HAZARD TYPE	HAZARD SCREENING METHOD: Pharos Chemical and Materials Library %: 88.78 - 88.78 GS: LT-P1 HAZARD TYPE AGENCY AND LIST TITLES	HAZARD SCREENING METHOD: Pharos Chemical and Materials Library %: 88.78 - 88.78 GS: LT-P1 RC: None HAZARD TYPE AGENCY AND LIST TITLES	HAZARD SCREENING METHOD: Pharos Chemical and Materials Library MEZARD SCREENING DATE: 2017-08-28 MES 88.78 - 88.78 MES None MANO: No MARNINGS	HAZARD SCREENING METHOD: Pharos Chemical and Materials Library MEZARD SCREENING DATE: 2017-08-28 MEZARD SCREENING DATE: 2017-08-28 MEZARD SCREENING METHOD: NANO: No ROLE: Profile Resin Ingredient MEZARD SCREENING METHOD: WARNINGS	

SUBSTANCE NOTES: None

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2017-08-28		
%: 7.10	gs: NoGS	RC: None	nano: No	ROLE: PVC additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found				No warnings found on HPD Priority Hazard Lists

 ${\scriptsize \texttt{SUBSTANCE}\, NOTES:}\, \textbf{Proprietary based on supplier information}$

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING	HAZARD SCREENING DATE: 2017-08-28			
%: 3.37 - 3.37	GS: BM-3	RC: None	nano: No	ROLE: Profile Resin Ingredient		
HAZARD TYPE	AGENCY AND LIST TITLES	v	VARNINGS			
None found				No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: None

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2017-08-28	
%: 2.47 - 2.47	GS: LT-UNK	RC: None NANO: No ROLE: I	Profile Resin Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: None			

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2017-08-28
%: 2.22 - 2.22	gs: LT-UNK	RC: None NANO: No ROLE: Profile Resin Ingredient

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE	HAZARD SCREENING DATE: 2017-08-28			
%: 1.78 - 1.78	GS: LT-UNK	RC: None	nano: No	ROLE: Profile Resin Ingredient		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS				
None found				No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: None						

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING	HAZARD SCREENING DATE: 2017-08-28		
%: 1.42 - 1.42	GS: LT-UNK	RC: None	nano: No	ROLE: Profile Resin Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	AGENCY AND LIST TITLES WARNINGS			
None found				No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: None					

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2017-08-28			
%: 0.96 - 0.96	GS: LT-1	RC: None	nano: No	ROLE: Profile Resin Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action H317 - May cause an allergic skin reaction			
SKIN SENSITIZE	EU - GHS (H-Statements)				
DEVELOPMENTAL	EU - GHS (H-Statements)		H361d - Suspected of damaging the unborn child		
ORGAN TOXICANT	EU - GHS (H-Statements)		to organs through prolonged or repeated exposure		
MULTIPLE	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard	to Waters	

UNDISCLOSED

SUBSTANCE NOTES: None

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING	HAZARD SCREENING DATE: 2017-08-28		
%: 0.75 - 0.75	GS: LT-UNK	RC: None	NANO: No	ROLE: Profile Resin Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	INGS		
None found				No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: None					

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and N	flaterials Library	HAZARD SCREENING DATE: 2017-08-28		
%: 0.20 - 0.20	gs: LT-1	RC: None	nano: No	ROLE: Stabilizer component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
РВТ	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Component of MARK 1957 stabilizer

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2017-08-28			
%: 0.18 - 0.18	GS: LT-P1	RC: None	nano: No	ROLE: Profile Resin Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine	Disruptor	

SUBSTANCE NOTES: None

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2017-08-28	
%: 0.10	GS: LT-P1	RC: None NANO: No ROLE: Stabilizer Component	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority I	Hazard Lists

SUBSTANCE NOTES: Not Hazardous Stabilizer component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING	HAZARD SCREENING DATE: 2017-08-28		
%: 0.09 - 0.09	GS: LT-UNK	RC: None	nano: No	ROLE: Profile Resin Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS		
None found				No warnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES: None

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING D	HAZARD SCREENING DATE: 2017-08-28		
%: 0.04 - 0.04	gs: LT-UNK	RC: None	nano: No	ROLE: Profile Resin Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNIN	IGS		
None found				No warnings found on HPD Priority Hazard Lists	
CLIDETANICE NICTES: None					

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREENING	HAZARD SCREENING DATE: 2017-08-28		
%: 0.02 - 0.02	gs: NoGS	RC: None	nano: No	ROLE: Profile Resin Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	,	WARNINGS		
None found				No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: None					

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2017-08-28

%: 0.00	GS: LT-P1	RC: None NANO: No ROLE: Profile Resin Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WAFNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SUBSTANCE NOTES: None		

DESIGNER WHITE PIGMENT

%: 2.41

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered

OTHER MATERIAL NOTES: None

POLYETHYLENE TEREPHTHALATE GLYCOL (PETG)

ID: 25640-14-6

POLIETHILENE TENEFHTHALATE GETOOL (FETG)					
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING D	HAZARD SCREENING DATE: 2017-08-28		
%: 63.50	GS: NoGS	RC: None	nano: No	ROLE: Pigment Ingredient	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found				No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: None					

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2017-08-28			
%: 35.08 - 35.08	GS: LT-1	RC: None	nano: No	ROLE: Pigment Ingredient		
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
CANCER	US CDC - Occupational Carcinogens	US CDC - Occupational Carcinogens		Occupational Carcinogen		
CANCER	CA EPA - Prop 65	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CANCER	IARC	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
CANCER	MAK	MAK		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
CANCER	MAK		Carcinogen Group 4 - No	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		

SUBSTANCE NOTES: None



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 Certification	Greenguard Certification		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://spot.ul.com CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2009-03-12	EXPIRY DATE: 2020-03-12	CERTIFIER OR LAB: UL Environment	
VOC EMISSIONS	Greenguard Gold Certific	Greenguard Gold Certification		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2009-03-12	EXPIRY DATE: 2020-03-12	CERTIFIER OR LAB: UL Environment	

CERTIFICATE URL: https://spot.ul.com CERTIFICATION AND COMPLIANCE NOTES:

MULTI-ATTRIBUTE **Environmental Product** Declaration CERTIFYING PARTY: Third Party ISSUE DATE: LAB: UL APPLICABLE FACILITIES: All DATE: CERTIFICATE URL: 2013-2018-Environment

 $https://easternus.azureedge.net/\sim/media/Inpro/TDM\%20Files/Documents/l/n/p/r/o/Inpro\%20Corner\%20Guard\%20EPDIPC2288\%20Rev1pdf.ashx?$ 11-08 11-08 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: 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

Hazard Types

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

GEN Gene mutation

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

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

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)

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.