

HPD UNIQUE IDENTIFIER: 24395

CLASSIFICATION: 10 21 13 Toilet Compartments

PRODUCT DESCRIPTION: Mills Bradmar Partitions are fabricated from 30% pre-consumer, 100% pre-consumer or 100% post-consumer recycled high density polyethylene (HDPE). A variety of colors and mounting styles provide many design options. Offering low maintenance and high vandal resistance, Mills Bradmar Partitions and Urinal Screens are ideal for schools, theme parks, stadiums and arenas — any high-traffic restroom. No-Site style partitions are available in Bradmar with no gap between the doors and pilasters to ensure privacy. Extra-height doors and panels are available when additional privacy is needed. This HPD covers Mills Bradmar Plastic Partitions and Urinal Screens with standard hardware for all mounting styles.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
☒ Nested Materials Method	☐ 100 ppm	Residuals/Impurities	Characterized ☐ Yes Ex/SC ☒ Yes ☐ No
☐ Basic Method	☒ 1,000 ppm	Considered in 2 of 2 Materials	% weight and role provided for all substances.
Threshold Disclosed Per	☐ Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	Screened ☐ Yes Ex/SC ☒ Yes ☐ No
☐ Material	☐ Other	☒ Yes ☐ No	All substances screened using Priority Hazard Lists with results disclosed.
☒ Product			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

COLOR HDPE PLASTIC | POLYETHYLENE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED BM-1 | END | RES | PHY

ZINC STEARATE LT-P1 SILICON DIOXIDE BM-1 | CAN UNDISCLOSED BM-1 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK ALUMINUM OXIDE BM-2 | RES UNDISCLOSED LT-UNK

CARBON BLACK BM-1 | CAN FERRIC OXIDE BM-1 | CAN LIMESTONE LT-UNK TITANIUM TETRACHLORIDE LT-P1 | SKI | MAM

TRIETHYLALUMINUM LT-P1 FERROSO FERRIC OXIDE BM-1 | CAN]

BRADMAR PARTITION HARDWARE | ALUMINUM BM-1 | END | RES | PHY STAINLESS STEEL NoGS]

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:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.2, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Substances not "Identified" are those considered proprietary to suppliers.

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: UL/GreenGuard Gold Certified

VOC emissions: UL/GreenGuard Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2021-04-12
☐ Yes	VERIFIER:	PUBLISHED DATE: 2021-04-12
☒ No	VERIFICATION #:	EXPIRY DATE: 2024-04-12

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

COLORED HDPE PLASTIC		%: 92.0000 - 95.0000	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were “Considered”, as outlined in Emerging Best Practices. Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier documentation and as predicted by process chemistry (Pharos CML).			
OTHER MATERIAL NOTES: Percent by weight of material given as range due to different styles and mounting options available.			

POLYETHYLENE		ID: 9002-88-4		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:33:59		
%: 97.0000 - 99.0000	GS: LT-UNK	RC: Both	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Percent by weight given as range to reflect differences in colors available. Contains 30% pre-consumer, 100% pre-consumer or 100% post-consumer recycled high density polyethylene (HDPE). When present, post-consumer recycled content is thermoplastic polyethylene from milk containers. May also include CASRN 25213-02-9 (LT-UNK; No warnings found on HPD Priority lists) and 25087-34-7 (LT-UNK; No warnings found on HPD Priority lists). Product Regulatory Overview (PRO) for Polyethylene - REACH Compliance: "This product is consistent with Article 33 of REACH and does not contain any of the substances meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weigh. Any material or process change will not affect REACH compliance. Specifications will remain the same." Product Regulatory Overview (PRO) for Polyethylene - RoHS, Compliance (2011/65/EU): "This product is compliant with article 2011/65/EU it contains no heavy metals (i.e., antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium, or silver). The summation of lead, cadmium, mercury, and hexavalent chromium in this product is less than 20 ppm. No polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), and Deca Brominated Diphenyl Ethers (Deca BDE) are intentionally added to this product."				

TITANIUM DIOXIDE					ID: 13463-67-7
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-04-12 7:34:00		
%: 0.1000 - 1.0000		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
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: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Form-specific hazards: airborne particles of respirable size – occupational setting. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:01		
%: 0.0000 - 0.4000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
PHY	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases		
PHY	EU - GHS (H-Statements)	H228 - Flammable solid		
SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.				

ZINC STEARATE

ID: 557-05-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:02		
%: 0.0000 - 0.1000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Percent by weight given as range to reflect differences in colors available.				

SILICON DIOXIDE

ID: 7631-86-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:02		
%: 0.0000 - 0.1000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	GHS - Australia	H350i - May cause cancer by inhalation		
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]		
SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.				

UNDISCLOSED			ID: Undisclosed	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:03		
%: 0.0000 - 0.3000	GS: BM-1	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: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.				

UNDISCLOSED				ID: Undisclosed
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:03		
%: 0.0000 - 0.2000	GS: LT-UNK	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: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Percent by weight given as range to reflect differences in colors available.				

UNDISCLOSED				ID: Undisclosed			
HAZARD SCREENING METHOD:		Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:04			
%: 0.0000 - 0.2000		GS: LT-UNK		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: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Percent by weight given as range to reflect differences in colors available.							

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:04

%: 0.0000 - 0.2000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Viscosity modifier

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:05

%: 0.0000 - 0.3000 GS: LT-UNK 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: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Percent by weight given as range to reflect differences in colors available.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:05

%: 0.0000 - 0.1000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Viscosity modifier

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

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Percent by weight given as range to reflect differences in colors available.

ALUMINUM OXIDE

ID: 1344-28-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:06

%: 0.0000 - 0.1000 GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:06

%: 0.0000 - 0.3000 GS: LT-UNK 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: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0. Percent by weight given as range to reflect differences in colors available.

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:07

%: 0.0000 - 0.1000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Carbon Black is one of several compounds with warnings restricted to unbound/respirable forms. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.

FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:07

%: 0.0000 - 0.3000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Ferric oxide is one of several compounds with warnings restricted to unbound/respirable forms. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.

LIMESTONE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-12 7:34:07

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). May also include CASRN 471-34-1 (BM-3; No warnings found on HPD Priority lists). Percent by weight given as range to reflect differences in colors available.		

TITANIUM TETRACHLORIDE

ID: 7550-45-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:08		
%: Impurity/Residual	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
SKI	EU - GHS (H-Statements)		H314 - Causes severe skin burns and eye damage	
MAM	US EPA - EPCRA Extremely Hazardous Substances		Extremely Hazardous Substances	
SUBSTANCE NOTES: Identified by Pharos CML as a potential residual of HDPE (25213-02-9 & 25087-34-7) [Catalyst (homogeneous/unstructured/unknown); Frequent; % Unknown].				

TRIETHYLALUMINUM

ID: 97-93-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:08		
%: Impurity/Residual	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Identified by Pharos CML as a potential residual of HDPE (25213-02-9 & 25087-34-7) [Catalyst (homogeneous/unstructured/unknown); Frequent; % Unknown].				

FERROSOFERRIC OXIDE

ID: 1317-61-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:09		
%: 0.0000 - 1.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Pigments and related additives are in encapsulated form in the finished product, and thus hazards are expected to be either mitigated or not applicable. Percent by weight given as range to reflect differences in colors available.				

BRADMAR PARTITION HARDWARE		%: 5.0000 - 8.0000	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Metal	

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were “Considered”, as outlined in Emerging Best Practices. No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Percent by weight of material and substances reported as ranges due to the various sizes and configurations available. All substances known to be present in the standard hardware at or above the disclosure threshold have been listed.

ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:00			
%: 83.0000 - 86.0000		GS: BM-1	RC: UNK	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
RES	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced		
PHY	EU - GHS (H-Statements)		H261 - In contact with water releases flammable gases		
PHY	EU - GHS (H-Statements)		H228 - Flammable solid		
SUBSTANCE NOTES: Headrails, Brackets, Strike/Keeper, Slide Latch. GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool.					

STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-12 7:34:00			
%: 14.0000 - 17.0000		GS: NoGS	RC: UNK	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Pilaster Shoes, Coat Hook, Screws, Washers.					

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	UL/GreenGuard Gold Certified		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Marion, Ohio USA CERTIFICATE URL: http://certificates.ulenvironment.com/default.aspx?id=19562&t=cs	ISSUE DATE: 2011-10-05	EXPIRY DATE: 2021-10-28	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 19562-420. UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Bathroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.			

VOC EMISSIONS	UL/GreenGuard Certified		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Marion, Ohio USA CERTIFICATE URL: http://certificates.ulenvironment.com/default.aspx?id=19562&t=gg	ISSUE DATE: 2011-10-05	EXPIRY DATE: 2021-10-28	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 19562-410. UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building materials are determined compliant in accordance with a Bathroom environment with an air change of 0.72 hr-1 and a loading of 8.20 m2. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.			

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

MANUFACTURER INFORMATION

MANUFACTURER: Bradley Corp
ADDRESS: W142N9101 Fountain Blvd
Menomonee Falls WI 53051, USA
WEBSITE: <https://www.bradleycorp.com>

CONTACT NAME: Brianna Arpy
TITLE: VDC Coordinator/Design Specialist
PHONE: (262) 227-1917
EMAIL: Brianna.Arpy@bradleycorp.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)	
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)	NoGS No GreenScreen.

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.