

HPD UNIQUE IDENTIFIER: 11047483028480

CLASSIFICATION: 28 30 00 Security Detection, Alarm, and Monitoring

PRODUCT DESCRIPTION: The EAX-500 is designed for applications that require a battery-powered alarm on secured doors. The alarm, with approximately 100dB, will sound when someone attempts an unauthorized exit. The redesigned shape and smaller size of the EAX-500 makes it the choice for quick and easy installations on emergency exit and restricted doors. The Detex EAX-300 Series is designed for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable. The smaller size makes installation quick and easy.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
☐ Nested Materials Method	☒ 100 ppm	☐ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☐ 1,000 ppm	☒ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☐ Yes ☒ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	Identified ☐ Yes ☒ No
			<i>Provided name and CAS RN or other identifier.</i>

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
EAX500/300 [UNS G10100 STEEL ALLOY NoGS ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER Not Screened UNS S30200 STAINLESS STEEL NoGS UNS C36000 BRASS NoGS ROHS COMPLIANT ELECTRONIC PART NoGS STEEL Not Screened POLYCARBONATE Not Screened POLYACETAL Not Screened STYRENE-ACRYLONITRILE COPOLYMERS Not Screened UNS S30430 STAINLESS STEEL NoGS UNS S30403 STEEL NoGS UNS S30400 STAINLESS STEEL ALLOY NoGS UNS Z33520 ZINC ALLOY NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Substance ranges are included to protect the proprietary nature of the product and raw material formulations. GreenScreen Benchmark Assessments can be found at pharosproject.net.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

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: N/A

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-05-21
☐ Yes	VERIFIER:	PUBLISHED DATE: 2024-05-21
☒ No	VERIFICATION #:	EXPIRY DATE: 2027-05-21

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

EAX500/300

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Partially

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been collected from suppliers for some materials.

OTHER PRODUCT NOTES:

UNS G10100 STEEL ALLOY

ID: **Not Registered**

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library**

HAZARD SCREENING DATE: **2024-05-21 13:55:55**

%: **20.0000 - 30.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: UNS number is more descriptive than CASRN list of alloy elements.

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: **9003-56-9**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **Not Screened**

%: **20.0000 - 30.0000** GreenScreen: **Not Screened** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES:

UNS S30200 STAINLESS STEEL

ID: **Not Registered**

HAZARD DATA SOURCE: **Toxnot Chemical Hazard Screening Library**

HAZARD SCREENING DATE: **2024-05-21 13:55:57**

%: **15.0000 - 20.0000** GreenScreen: **NoGS** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: UNS number is more descriptive than CASRN of alloy elements.		

UNS C36000 BRASS				ID: Not Registered
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-05-21 13:55:58	
%: 10.0000 - 15.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: UNS number is more descriptive than CASRN of alloy elements.				

ROHS COMPLIANT ELECTRONIC PART				ID: Not Registered	
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library				HAZARD SCREENING DATE: 2024-05-21 13:55:59	
%: 5.0000 - 15.0000		GreenScreen: NoGS		RC: None	NANO: Unknown SUBSTANCE ROLE: Electronic component
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists			
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
None found		No listings found on Additional Hazard Lists			
SUBSTANCE NOTES: HPD 2.3 - Electronics Special Condition					

STEEL		ID: 12597-69-2	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened	
%: 0.0000 - 5.0000	GreenScreen: Not Screened	RC: None	NANO: Unknown SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
	Hazard Screening not performed		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
Additional Hazard Screening not performed		
SUBSTANCE NOTES:		

POLYCARBONATE		ID: 25037-45-0
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened
%: 0.0000 - 5.0000	GreenScreen: Not Screened	RC: None NANO: Unknown SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
Hazard Screening not performed		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
Additional Hazard Screening not performed		
SUBSTANCE NOTES:		

POLYACETAL		ID: 30846-29-8
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened
%: 0.0000 - 5.0000	GreenScreen: Not Screened	RC: None NANO: Unknown SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
Hazard Screening not performed		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
Additional Hazard Screening not performed		
SUBSTANCE NOTES:		

STYRENE-ACRYLONITRILE COPOLYMERS		ID: 9003-54-7
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened
%: 0.0000 - 5.0000	GreenScreen: Not Screened	RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
Hazard Screening not performed		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
Additional Hazard Screening not performed		
SUBSTANCE NOTES:		

UNS S30430 STAINLESS STEEL				ID: Not Registered
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-05-21 13:56:06	
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: UNS number is more descriptive than CASRN list of alloy elements.				

UNS S30403 STEEL				ID: Not Registered
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-05-21 13:56:15	
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: UNS number is more descriptive than CASRN list of alloy elements.				

UNS S30400 STAINLESS STEEL ALLOY				ID: Not Registered
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-05-21 13:56:14	
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: UNS number is more descriptive than CASRN list of alloy elements.				

NYLON 6,6				ID: 32131-17-2
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 0.0000 - 1.0000 ALT	GreenScreen: Not Screened	RC: None	NANO: Unknown	SUBSTANCE ROLE: Hardware

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	
SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Acrylonitrile-Butadiene-Styrene Copolymer.		

POLYPROPYLENE

ID: 9003-07-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 0.0000 - 1.0000 ALT	GreenScreen: Not Screened	RC: None	NANO: Unknown	SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Acrylonitrile-Butadiene-Styrene Copolymer.				

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 0.0000 - 1.0000 ALT	GreenScreen: Not Screened	RC: None	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Acrylonitrile-Butadiene-Styrene Copolymer.				

UNS Z33520 ZINC ALLOY

ID: Not Registered

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-05-21 13:56:08		
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Hardware
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: UNS number is more descriptive than CASRN list of alloy elements.

NYLON 6

ID: 25038-54-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

%: 0.0000 - 1.0000 ALT GreenScreen: Not Screened RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Acrylonitrile-Butadiene-Styrene Copolymer.

STYRENE

ID: 100-42-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

%: 0.0000 - 0.1000 ALT GreenScreen: Not Screened RC: None NANO: Unknown SUBSTANCE ROLE: Residual

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES: ALTERNATE: This substance is an alternate substance to Acrylonitrile-Butadiene-Styrene Copolymer.

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	N/A	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2024-05-21 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: N/A	EXPIRY DATE:	
CERTIFICATE URL:		
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

UNS numbers are provided for metal alloy components to provide a clear and representative material disclosure. A few of these alloys represent alternate parts (ie: stainless steel 302, 303, and 303 may be available alternates for a single part).

MANUFACTURER INFORMATION

MANUFACTURER: **Detex Corporation**
ADDRESS: **302 Detex Drive**
New Braunfels, TX 78130
COUNTRY: **United States**

WEBSITE: **https://www.detex.com/**
CONTACT NAME: **Albert Ranzau**
TITLE: **Engineering/Technical**
PHONE: **(830) 629-2900**
EMAIL: **aer@detex.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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.