

CLASSIFICATION: 08 71 00

PRODUCT DESCRIPTION: The ECL-230D and ECL-230D-PH are code compliant, battery alarmed, rugged dead bolt, panic devices with steel plate and photo-luminescent sign providing managed security and a 100 decibel alarm for secondary exits.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
 % weight and role provided for all substances except SC substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No
 All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified Yes Ex/SC Yes No
 All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC 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

ECL 230D/ECL230D-PH EXIT CONTROL LOCK | ZINC (UNS Z33520 ZINC ALLOY) LT-P1 | AQU | PHY | END | MUL STEEL (UNCONFIRMED ALLOY GRADE) NoGS STEEL (MPIF FN-0208-105HT) NoGS ALUMINUM (UNS A03830 ALUMINUM ALLOY) NoGS ALUMINUM (UNS A13800 ALUMINUM ALLOY) NoGS STEEL (UNS G10080 CARBON OR STEEL ALLOY) NoGS ALUMINUM (UNS A96061 ALUMINUM ALLOY) NoGS STAINLESS STEEL (UNS S30400 STAINLESS STEEL ALLOY) NoGS STEEL (MPIF FC-0208) NoGS ZINC LT-P1 | AQU | PHY | END | MUL ROHS COMPLIANT ELECTRONIC PARTS Not Screened NYLON 6,6 LT-UNK COPPER LT-UNK 1-DECEN, HOMOPOLYMER, HYDRIERT LT-UNK STEEL (UNS G10650 CARBON OR STEEL ALLOY) NoGS DISTILLATE FUEL OILS, LIGHT BM-2 | MAM | CAN ETHYLENE-PROPYLENE COPOLYMER LT-UNK DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE LT-1 | CAN | MUL NICKEL LT-1 | RES | CAN | SKI | MAM | MUL STEEL (UNS G10220 CARBON OR STEEL ALLOY) NoGS STEEL (UNS G12144 CARBON OR STEEL ALLOY) NoGS]

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:

Special conditions applied: Electronics

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

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: Inherently non-emitting source per LEED®

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Self-Prepared

SCREENING DATE: 2019-02-04

Yes
 No

VERIFIER:
VERIFICATION #:

PUBLISHED DATE: 2019-02-05
EXPIRY DATE: 2022-02-04



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, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

ECL 230D/ECL230D-PH EXIT CONTROL LOCK

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals considered through research and communication within company and suppliers.

OTHER PRODUCT NOTES: N/A

ZINC (UNS Z33520 ZINC ALLOY)

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-04

#: 35.0000 - 40.0000 GS: LT-P1 RC: UNK NANO: No ROLE: Body

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)	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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Due to the commodity nature of zinc alloy, the status of recycled content is unknown. A range is provided to account for variations in the product.

STEEL (UNCONFIRMED ALLOY GRADE)

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-04

#: 15.0000 - 20.0000 GS: NoGS RC: UNK NANO: No ROLE: Body

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Due to the commodity nature of steel, the status of recycled content is unknown. A range is provided to account for variations in the product.

STEEL (MPIF FN-0208-105HT)

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **5.0000 - 10.0000**GS: **NoGS**RC: **UNK**NANO: **No**ROLE: **Body**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Due to the commodity nature of steel, the status of recycled content is unknown.
A range is provided to account for variations in the product.

ALUMINUM (UNS A03830 ALUMINUM ALLOY)

ID: 91728-14-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **5.0000 - 10.0000**GS: **NoGS**RC: **UNK**NANO: **No**ROLE: **Body**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Due to the commodity nature of aluminum alloy, the status of recycled content is unknown. A range is provided to account for variations in the product.

ALUMINUM (UNS A13800 ALUMINUM ALLOY)

ID: 91728-14-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **5.0000 - 10.0000**GS: **NoGS**RC: **UNK**NANO: **No**ROLE: **Body**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Due to the commodity nature of aluminum alloy, the status of recycled content is unknown. A range is provided to account for variations in the product.

STEEL (UNS G10080 CARBON OR STEEL ALLOY)

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **5.0000 - 10.0000**GS: **NoGS**RC: **UNK**NANO: **No**ROLE: **Body**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Due to the commodity nature of steel, the status of recycled content is unknown. A range is provided to account for variations in the product.

ALUMINUM (UNS A96061 ALUMINUM ALLOY)

ID: 91728-14-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-04**

#: **5.0000 - 10.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Body**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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No hazards found

SUBSTANCE NOTES: Due to the commodity nature of aluminum alloy, the status of recycled content is unknown. A range is provided to account for variations in the product.

STAINLESS STEEL (UNS S30400 STAINLESS STEEL ALLOY)

ID: 12597-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-04**

#: **1.0000 - 5.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Body**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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No hazards found

SUBSTANCE NOTES: Due to the commodity nature of stainless steel, the status of recycled content is unknown. A range is provided to account for variations in the product.

STEEL (MPIF FC-0208)

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-04**

#: **0.1000 - 2.5000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Body**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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No hazards found

SUBSTANCE NOTES: Due to the commodity nature of steel, the status of recycled content is unknown. A range is provided to account for variations in the product.

ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-04**

#: **0.1000 - 2.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Finish**

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)	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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: A range is provided to protect the proprietary nature of the formulation.

ROHS COMPLIANT ELECTRONIC PARTS

ID: **SC:Electronics**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-02-04			
%: 0.1000 - 2.5000	GS: Not Screened	RC: None	NANO: No	ROLE: Internal Part

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES: A range is provided to account for variations in the product.

NYLON 6,6

ID: **32131-17-2**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-02-04			
%: 0.1000 - 2.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Body

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: A range is provided to protect the proprietary nature of the formulation.

COPPER

ID: **7440-50-8**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-02-04			
%: 0.1000 - 2.5000	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Body

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Due to the commodity nature of copper, the status of recycled content is unknown.
A range is provided to account for variations in the product.

1-DECEN, HOMOPOLYMER, HYDRIERT

ID: 68037-01-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **0.1000 - 2.5000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Lubricant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: A range is provided to protect the proprietary nature of the formulation.

STEEL (UNS G10650 CARBON OR STEEL ALLOY)

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **0.1000 - 2.5000**GS: **NoGS**RC: **UNK**NANO: **No**ROLE: **Body**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Due to the commodity nature of steel, the status of recycled content is unknown. A range is provided to account for variations in the product.

DISTILLATE FUEL OILS, LIGHT

ID: 64742-47-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **0.0100 - 1.0000**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Lubricant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: A range is provided to protect the proprietary nature of the formulation.

ETHYLENE-PROPYLENE COPOLYMER

ID: 9010-79-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **0.0100 - 1.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Body**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: A range is provided to protect the proprietary nature of the formulation.

DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE

ID: 64742-46-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **0.0100 - 1.0000**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Lubricant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: A range is provided to protect the proprietary nature of the formulation.

NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-04**%: **0.0100 - 1.0000**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Body and Finish**

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

SUBSTANCE NOTES: A range is provided to protect the proprietary nature of the formulation.

STEEL (UNS G10220 CARBON OR STEEL ALLOY)

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-04**

#: **0.0100 - 1.0000**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Body**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Due to the commodity nature of steel, the status of recycled content is unknown. A range is provided to account for variations in the product.

STEEL (UNS G12144 CARBON OR STEEL ALLOY)

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-04**

#: **0.0100 - 1.0000**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Body**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: **Due to the commodity nature of steel, the status of recycled content is unknown. A range is provided to account for variations in the product.**

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

Inherently non-emitting source per LEED®

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **All**

01-27

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

This HPD represents Detex ECL 230D/ECL230D-PH Exit Control Locks (battery not included).



MANUFACTURER INFORMATION

MANUFACTURER: **Detex Corporation**
 ADDRESS: **302 Detex Drive**
New Braunfels Texas 78130, United States
 WEBSITE: <http://www.detex.com/Products/Life-Safety-and-Security-Door-Hardware/Exit-Control-Locks/Single-Point-Paddle-Style-Exit-Control-Lock-ECL-230D>

CONTACT NAME: **Jim Byrd**
 TITLE: **Materials Manager**
 PHONE: **800-729-3839 x4320**
 EMAIL: jmb@detex.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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient 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.