Advantex 10 Series by Detex Corporation

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 08 71 00

PRODUCT DESCRIPTION: Advantex 10 Series rim exit device is super-heavy-duty panic and fire exit hardware for use on all types of single and double doors with mullions. The patented mounting plate and strike locator system ensures the easiest and most accurate installation of panic hardware available.

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.

Screened ○ Yes Ex/SC ◉ Yes ○ No

All substances screened using Priority Hazard Lists with results disclosed.

Identified ○ Yes Ex/SC ◉ Yes ○ No

All substances disclosed by Name (Specific or Generic) and Identifier.

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

ADVANTEX 10 SERIES [STAINLESS STEEL (UNS S30400 STAINLESS STEEL ALLOY) NoGS STEEL (UNS G10080 CARBON OR STEEL ALLOY) NoGS STEEL (UNS G10220 CARBON OR STEEL ALLOY) NoGS ALUMINUM (UNS A96063 ALUMINUM ALLOY) NoGS BRASS (UNS C26000 COPPER ALLOY) NoGS STEEL (UNCONFIRMED ALLOY GRADE) NoGS STAINLESS STEEL (UNS S31600 STAINLESS STEEL ALLOY) NoGS STAINLESS STEEL (UNS S30200 STAINLESS STEEL ALLOY) NoGS STAINLESS STEEL (UNS S30300 STAINLESS STEEL ALLOY) NoGS STAINLESS STEEL (UNCONFIRMED ALLOY GRADE) NoGS ZINC (UNS Z33520 ZINC ALLOY) LT-P1 | AQU | PHY | END | MUL STEEL (UNS G10500 CARBON OR STEEL ALLOY) NoGS STEEL (UNS G12144 CARBON OR STEEL ALLOY) NoGS STAINLESS STEEL (UNS S41000 STAINLESS STEEL ALLOY) NoGS 1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE LT-UNK HIGH-IMPACT POLYSTYRENE LT-UNK BRASS (UNS C36000 COPPER ALLOY) NoGS ZINC LT-P1 | AQU | PHY | END | MUL HYDROGEL LT-UNK POLYACETAL NoGS DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI) LT-1 | PBT | CAN | MUL STAINLESS STEEL (UNS S17400 STAINLESS STEEL ALLOY) NoGS NYLON 6,6 LT-UNK STEEL (UNS G11170 CARBON OR STEEL ALLOY) NoGS STEEL (UNS G10200 CARBON OR STEEL ALLOY) NoGS STEEL (UNS G10400 CARBON OR STEEL ALLOY) NoGS STEEL (UNS K08500 STEEL ALLOY) NoGS 1-DECEN, HOMOPOLYMER, HYDRIERT LT-UNK 2-BUTENEDIOIC ACID (E)-, POLYMER WITH _,_'-[(1-METHYLETHYLIDENE) DI-4,1-PHENYLENE]BIS[_-HYDROXYPOLY [OXY(METHYL-1,2-ETHANEDIYL)]] LT-UNK ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL KAOLIN, CALCINED LT-UNK POLYPROPYLENE LT-UNK ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK LITHIUM 12-HYDROXYSTEARATE LT-UNK SACCHARIN

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:

LT-P1 | MUL CUMENE HYDROPEROXIDE LT-P1 | AQU | PHY | SKI | MAM | MUL POLYETHYLENE LT-UNK]

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?

- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2019-02-04
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

ADVANTEX 10 SERIES

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

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**

%: **20.0000 - 25.0000**

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 stainless steel, 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**

%: **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 (UNS G10220 CARBON OR STEEL ALLOY)

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.

ALUMINUM (UNS A96063 ALUMINUM ALLOY)

ID: 91728-14-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **10.0000 - 15.0000** 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.

BRASS (UNS C26000 COPPER ALLOY)

ID: 12597-71-6

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 copper 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**

%: **1.0000 - 5.0000** 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.

STAINLESS STEEL (UNS S31600 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
	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.

STAINLESS STEEL (UNS S30200 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
	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.

STAINLESS STEEL (UNS S30300 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
	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.

STAINLESS STEEL (UNCONFIRMED ALLOY GRADE)

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
	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.

ZINC (UNS Z33520 ZINC ALLOY)

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **1.0000 - 5.0000** 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 (UNS G10500 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.

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**

%: **0.1000 - 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.

STAINLESS STEEL (UNS S41000 STAINLESS STEEL ALLOY)

ID: 12597-68-1

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 stainless steel, the status of recycled content is unknown. A range is provided to account for variations in the product.

1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE

ID: 24969-26-4

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: **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.

HIGH-IMPACT POLYSTYRENE

ID: 9003-55-8

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.

BRASS (UNS C36000 COPPER ALLOY)

ID: 12597-71-6

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 copper alloy, 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.

HYDROGEL

ID: 25852-47-5

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: **Adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

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

POLYACETAL

ID: 30846-29-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.1000 - 2.5000** GS: **NoGS** 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 (MILD) HEAVY NAPHTHENIC (9CI)

ID: 64742-52-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.1000 - 2.5000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
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 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350 - May cause cancer

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

STAINLESS STEEL (UNS S17400 STAINLESS STEEL ALLOY)

ID: 12597-68-1

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 stainless steel, the status of recycled content is unknown.
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.

STEEL (UNS G11170 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 G10200 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 G10400 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 K08500 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.

1-DECEN, HOMOPOLYMER, HYDRIERT

ID: 68037-01-4

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: **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.

2-BUTENEDIOIC ACID (E)-, POLYMER WITH _,_'-[(1-METHYLETHYLIDENE) DI-4,1-PHENYLENE]BIS[_-HYDROXYPOLY [OXY(METHYL-1,2-ETHANEDIYL)]]

ID: 39382-25-7

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: **Adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

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

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: 9003-56-9

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.

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)

ID: 64742-54-7

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: **Body**

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
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.

KAOLIN, CALCINED

ID: 92704-41-1

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.

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.0000 - 0.5000** 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.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.0000 - 0.5000** 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.

LITHIUM 12-HYDROXYSTEARATE

ID: 7620-77-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.0000 - 0.5000** 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.

SACCHARIN

ID: 81-07-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.0000 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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.

CUMENE HYDROPEROXIDE

ID: 80-15-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.0000 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H242 - Heating may cause a fire
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
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.

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-04**

%: **0.0000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

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

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
APPLICABLE FACILITIES: All
CERTIFICATE URL:

ISSUE DATE: 2019-01-26

EXPIRY DATE:

CERTIFIER OR LAB: N/A

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

The HPD represents Detex Advantex 10 Series Rim Exit Devices.

Section 6: References

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/Advantex-Superior-Heavy-Duty-Exit-Devices/10-Series-Rim-Exit-Device**

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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
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

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)
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)

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.