Steel Fire Extinguisher Cabinets by Activar Construction Products Group

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 25363
CLASSIFICATION: 10 44 00 Fire Protection Specialties
PRODUCT DESCRIPTION: This HPD covers non-rated and fire-rated fire extinguisher cabinets made with cold rolled steel by Activar Construction Products Group, Inc. - JL Industries. More specifically this HPD covers fire extinguisher cabinet models: Ambassador Series 8115, 8116, 8117, 8113, 1710, 1815, 1816, 1817, 1812, 1818, 1015, 1016, 1017, 1012, 1018, 1013, 2015, 2016, 2017, 2012, 2018, 2013, 3015, 3016, 3017, 3012, 3018, 3013, 4015, 4016, 4017, 4012, 4018, 4013 and corresponding FX2 fire-rated models, Embassy Series 5614, 5714, 5514, 5814, 5914, and FX2 fire-rated models, Clear Vu Series 1515, 1516, 1517, 1513, 2515, 2516, 2517, 2513, 4515, 4513 and corresponding FX2 fire-rated models, Royal Series Combination Cabinet 3615, 3616, 3617, 3612, 3618, 3613 and corresponding FX2 fire-rated models and Orbit Series models 2115 and 2119. Fire extinguisher cabinets are available in different sizes to accommodate different size fire extinguishers. In addition, different options are also complementary to this product. This HPD also covers custom steel fire extinguisher cabinets.

Section 1: Summary

Nested 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
- ( ) Other

Residuals/Impurities

Residuals/Impurities Considered in 0 of 11 Materials

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

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

COLD ROLLED STEEL [IRON LT-P1 | END PHOSPHORUS BM-2 | PHY | MAM SILICON LT-UNK COPPER LT-P1 | MUL MOLYBDENUM LT-UNK CARBON LT-UNK NICKEL LT-1 | CAN | RES | MAM | MUL | SKI CHROMIUM LT-P1 | END | SKI | RES MANGANESE LT-P1 | END | MUL | REP] WIRESHIELD GLASS [SILICON DIOXIDE (PRIMARY CASRN IS 7631-86-9) BM-1 | CAN MAGNESIUM OXIDE LT-UNK | CAN POTASSIUM OXIDE (PRIMARY CASRN IS 12136-45-7) LT-UNK SODIUM OXIDE LT-UNK CALCIUM OXIDE LT-P1 ALUMINUM OXIDE BM-2 | RES MANGANESE LT-P1 | END | MUL | REP CARBON LT-UNK IRON LT-P1 | END CHROMIUM LT-P1 | END | SKI | RES FERRIC OXIDE BM-1 | CAN] ACRYLIC SHEET [UNDISCLOSED LT-P1 | RES] FIRE-RATED INSULATION [CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK PHENOL FORMALDEHYDE LT-P1 | RES] TEMPERED GLASS [CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK] PLASTIC BUBBLE [2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE LT-UNK] STEEL PIANO HINGE [IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP CHROMIUM LT-P1 | END | SKI | RES NICKEL LT-1 | CAN | RES | MAM | MUL | SKI CARBON LT-UNK] SAFETY LOCK [ZINC LT-P1 | AQU | PHY | END | MUL CHROMIUM CHLORIDE (3) LT-P1 | SKI | MAM] PULL HANDLE [ZINC LT-P1 | AQU | PHY | END | MUL DIPROPYLENE GLYCOL DIMETHYL ETHER LT-UNK OXIRANE, (CHLOROMETHYL)-, HOMOPOLYMER LT-UNK 2-BUTOXYETHYL ACETATE LT-UNK | CAN] POWDER COAT [UNDISCLOSED NoGS UNDISCLOSED LT-1 | CAN | END UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | MUL | MAM | RES | SKI | GEN | EYE UNDISCLOSED

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:

HPD prepared using the Nested Materials Inventory with product threshold at 1,000 ppm. Activar Construction Products Group - JL Industries cabinets are all made from the same cold rolled steel all similar cabinet models have been included in this cold rolled steel cabinet HPD.

BM-2 UNDISCLOSED BM-1 | CAN] ROLLER CATCH [AISI 10B21 STEEL
NoGS NYLON 6 LT-UNK ZINC LT-P1 | AQU | PHY | END | MUL]

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: VOC content data is not applicable for this product category.

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: 2020-10-07
PUBLISHED DATE: 2021-07-09
EXPIRY DATE: 2023-10-07

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

COLD ROLLED STEEL

%: 98.0000 - 99.0000

PRODUCT THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No | MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Cold rolled steel is the standard material used for fire extinguisher cabinets. The tub, trim and door components are all cold rolled steel and are manufactured in the United States of America.

IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:14**

%: **96.0000 - 99.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Cold rolled steel formed into a tub.

PHOSPHORUS

ID: 7723-14-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:23**

%: **0.0000 - 0.6000** GS: **BM-2** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Tensile strength additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHY	EU - GHS (H-Statements)	H228 - Flammable solid
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES: Ingredient used in making the cold rolled steel.

SILICON

ID: 7440-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:22**

%: **0.0000 - 0.6000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Tensile strength additive**

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

SUBSTANCE NOTES: Ingredient used in making the cold rolled steel.

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:22**

%: **0.0000 - 0.6000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Ingredient used in making the cold rolled steel.

MOLYBDENUM

ID: **7439-98-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:22**

%: **0.0000 - 0.6000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Corrosion inhibitor**

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

SUBSTANCE NOTES: Ingredient used in making the cold rolled steel.

CARBON

ID: **7440-44-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:22**

%: **0.0000 - 0.6000** GS: **LT-UNK** 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: Alloy used in the cold rolled steel.

NICKEL

ID: **7440-02-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:22**

%: **0.0000 - 1.0000** GS: **LT-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Tensile strength additive**

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	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: Alloy used in the steel.

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:21**

%: **0.0000 - 1.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Corrosion inhibitor**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Alloy used in the cold rolled steel to make it more corrosion resistant.

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:21**

%: **0.0000 - 2.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: Alloy included in the manufacture of steel.

WIRESHIELD GLASS %: 1.0000 - 2.0000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Glass

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: This is one of the options for the full glass door for the cabinets.

SILICON DIOXIDE (PRIMARY CASRN IS 7631-86-9)

ID: 2174974-56-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:15**

%: **68.0000 - 74.0000** GS: **BM-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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: Soda lime glass with wire mesh in-bedded.

MAGNESIUM OXIDE

ID: 1309-48-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:16**

%: **6.0000 - 6.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Glass component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Information not given by manufacturer.

POTASSIUM OXIDE (PRIMARY CASRN IS 12136-45-7)

ID: 1884258-64-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:17**

%: **5.0000 - 10.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Information not given by manufacturer.

SODIUM OXIDE

ID: 1313-59-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:17**

%: **5.0000 - 10.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Information not given by manufacturer.

CALCIUM OXIDE

ID: 1305-78-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:16**

%: **5.0000 - 14.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Information not given by manufacturer.

ALUMINUM OXIDE

ID: **1344-28-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:17**

%: **3.0000 - 3.0000** GS: **BM-2** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Information not given by manufacturer.

MANGANESE

ID: **7439-96-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:18**

%: **1.0000 - 1.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: Ingredient in the wire mesh in the wireshield glass.

CARBON

ID: **7440-44-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:18**

%: **1.0000 - 1.0000** GS: **LT-UNK** 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: Ingredient in the wire mesh in the wireshield glass.

IRON

ID: **7439-89-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:18**

%: **1.0000 - 2.5000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Ingredient in the wire mesh in the wireshield glass.

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:19**

%: **0.5000 - 1.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Tensile strength additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Ingredient in the wire mesh in the wireshield glass.

FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:19**

%: **0.5000 - 1.0000** GS: **BM-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

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

SUBSTANCE NOTES: Ingredient in the wire mesh.

ACRYLIC SHEET

%: 1.0000 - 2.0000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Information not provided by manufacturer.

OTHER MATERIAL NOTES: Considered a proprietary formulation. This is one of the options for a full glass door insert.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:13**

%: **100.0000 - 100.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Information not provided by the manufacturer.

FIRE-RATED INSULATION

%: 1.0000 - 3.0000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Information not provided by the manufacturer.

OTHER MATERIAL NOTES: Slag wool insulation used in fire-rated cabinets to maintain the fire rating of the wall.

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:15**

%: **95.0000 - 99.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Slag wool fiber.

PHENOL FORMALDEHYDE

ID: 9003-35-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:20**

%: **0.0000 - 4.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Information not provided by manufacturer.

TEMPERED GLASS

%: **1.0000 - 2.0000**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Glass

RESIDUALS AND IMPURITIES NOTES: Information is not provided by the manufacturer.

OTHER MATERIAL NOTES: This is one of the options for a full glass door.

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:13**

%: **100.0000 - 100.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Information not provided by the manufacturer.

PLASTIC BUBBLE

%: **0.5000 - 1.0000**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Information was not provided by the manufacturer.

OTHER MATERIAL NOTES: This is the only option for the Clear Vu bubble cabinets.

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE ID: **9010-88-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:13**

%: **100.0000 - 100.0000** GS: **LT-UNK** RC: **UNK** 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: Information not provided by manufacturer.

STEEL PIANO HINGE **%: 0.5000 - 1.0000**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Information not provided by manufacturer.

OTHER MATERIAL NOTES: Continuous steel piano hinge for cabinet door.

IRON ID: **7439-89-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:14**

%: **96.0000 - 99.0000** GS: **LT-P1** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Main substance in steel.

MANGANESE ID: **7439-96-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:23**

%: **0.0000 - 2.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: Alloy included in the steel.

CHROMIUM ID: **7440-47-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:19**

%: **0.0000 - 1.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Alloy included in the steel.

NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:20**

%: **0.0000 - 1.0000** GS: **LT-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

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	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: Alloy included in the steel.

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:20**

%: **0.0000 - 0.6000** GS: **LT-UNK** 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: Alloy included in the steel.

SAFETY LOCK

%: **0.1000 - 0.4500**

PRODUCT THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No | MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Information not provided by the manufacturer.

OTHER MATERIAL NOTES: Cabinets can come with safety locks or standard roller catch.

ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:14**

%: **99.0000 - 100.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Zinc cast part.

CHROMIUM CHLORIDE (3)

ID: 10025-73-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:20**

%: **0.0000 - 0.1000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES: Chrome finish on the safety lock.

PULL HANDLE

%: 0.1000 - 0.4300

PRODUCT THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No | MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Information not provided by the manufacturer.

OTHER MATERIAL NOTES: Standard pull handle for all fire extinguisher cabinets unless flush pull handle option is selected.

ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:14**

%: **99.0000 - 100.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Information not provided by manufacturer.

DIPROPYLENE GLYCOL DIMETHYL ETHER ID: **111109-77-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:15**

%: **75.0000 - 90.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Coating**

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

SUBSTANCE NOTES: Clear coat ingredient.

OXIRANE, (CHLOROMETHYL)-, HOMOPOLYMER ID: **24969-06-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:16**

%: **25.0000 - 50.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Coating**

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

SUBSTANCE NOTES: Ingredient in the clear coat finish.

2-BUTOXYETHYL ACETATE ID: **112-07-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:17**

%: **5.0000 - 10.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Ingredient in the clear coat finish.

POWDER COAT **%: 0.0000 - 1.4000**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Information not provided by the manufacturer.

OTHER MATERIAL NOTES: Mixture of polyester resins and pigments for coating the cabinets. This is a dry powder electrostatically applied and then cured in the oven.

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:15**

%: **45.0000 - 49.0000** GS: **NoGS** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: The manufacturer does not provide specifics on these resins because its proprietary.

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:16**

%: **30.0000 - 35.0000** GS: **LT-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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: The manufacturer does not disclose the ingredients because the combination of ingredients is proprietary.

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:16**

%: **10.0000 - 14.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: The manufacturer does not disclose the ingredients because the combination of ingredients is proprietary.

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:18**

%: **2.0000 - 5.0000** GS: **LT-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Curing agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
MAM	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAM	EU - GHS (H-Statements)	H331 - Toxic if inhaled
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
GEN	EU - GHS (H-Statements)	H340 - May cause genetic defects
GEN	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage
GEN	EU - SVHC Authorisation List	Mutagenic - Candidate list
GEN	GHS - Korea	Germ cell mutagenicity - Category 1 [H340 - May cause genetic defects]
GEN	GHS - New Zealand	6.6A - Known or presumed human mutagens
GEN	GHS - Japan	Germ cell mutagenicity - Category 1B [H340]

SUBSTANCE NOTES: The manufacturer does not disclose the ingredients because the combination of ingredients is proprietary.

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:19**

%: **0.5000 - 0.9800** GS: **BM-2** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: The manufacturer does not disclose the ingredients because the combination of ingredients is proprietary.

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:19**

%: **0.1000 - 1.0000** GS: **BM-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Dispersant**

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: The manufacturer does not disclose the ingredients because the combination of ingredients is proprietary.

ROLLER CATCH

%: 0.0000 - 0.0900

PRODUCT THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No | MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Information not provided by the manufacturer.

OTHER MATERIAL NOTES: Roller catch assembly is made of nylon 6 plastic and steel parts.

AISI 10B21 STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:14**

%: **99.0000 - 100.0000** GS: **NoGS** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Main ingredient in the roller catch assembly.

NYLON 6

ID: 25038-54-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:21**

%: **0.0000 - 0.0500** GS: **LT-UNK** RC: **UNK** 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: Plastic part of the roller catch assembly.

ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-07 13:06:21**

%: **0.0000 - 0.0300** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Galvanizing**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Zinc provides corrosion resistant to the steel parts.

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 — **VOC content data is not applicable for this product category.**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: None
CERTIFICATE URL:

ISSUE DATE: 2021-07-08

EXPIRY DATE: 2024-07-08

CERTIFIER OR LAB: None

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.

SCREWS — HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Most cabinets require universal #10 X 2-1/2" self-drilling screws for installation.

Section 5: General Notes

This HPD covers most steel fire extinguisher cabinets manufactured by Activar Construction Products Group - JL Industries. Included in the HPD are options for glass or acrylic for the full glass doors. Clear Vu cabinets come with the bubble - no other option. The recycled content of the steel used is as follows: Post-consumer: 23.6, Pre-consumer: 6.5. Our fire extinguisher cabinets are manufactured in either Minneapolis, MN or Commerce, CA.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Activar Construction Products Group**
ADDRESS: **9702 Newton Ave South**
Bloomington MN 55431, USA
WEBSITE: **www.activarcpg.com/**

CONTACT NAME: **Kathrine Barrett**
TITLE: **Market Analyst/Specifications Engineer**
PHONE: **952-838-1912**
EMAIL: **khbarrett@activarpdt.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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
LAN Land toxicity
MAM Mammalian/systemic/organ toxicity
MUL Multiple
NEU Neurotoxicity
NF Not found on Priority Hazard Lists
OZO Ozone depletion
PBT Persistent, bioaccumulative, and toxic
PHY Physical hazard (flammable or reactive)
REP Reproductive
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
UNK Unknown

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
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.)
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.