

**CLASSIFICATION:** 10 44 00

**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. Fire extinguisher cabinets are available in different sizes to accommodate different size fire extinguishers. In addition, different options are also complementary to this product.

## 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
- Per OSHA MSDS
- 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 **MANGANESE** LT-P1 | END | MUL | REP **CHROMIUM** LT-P1 | RES | END | SKI **NICKEL** LT-1 | RES | CAN | SKI | MAM | MUL **CARBON** LT-UNK **MOLYBDENUM** LT-UNK **COPPER** LT-UNK **SILICON** LT-UNK **PHOSPHORUS** BM-2 | PHY | MAM ] **WIRESHIELD GLASS** [ **SILICON DIOXIDE (PRIMARY CASRN IS 7631-86-9)** LT-P1 | CAN **MAGNESIUM OXIDE** LT-UNK | CAN **CALCIUM OXIDE** LT-P1 **SODIUM OXIDE** LT-UNK **POTASSIUM OXIDE (PRIMARY CASRN IS 12136-45-7)** LT-UNK **ALUMINUM OXIDE** BM-2 | RES **IRON** LT-P1 | END **CARBON** LT-UNK **MANGANESE** LT-P1 | END | MUL | REP **FERRIC OXIDE** BM-2 | CAN **CHROMIUM** LT-P1 | RES | END | SKI ] **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 **CHROMIUM** LT-P1 | RES | END | SKI **NICKEL** LT-1 | RES | CAN | SKI | MAM | MUL **CARBON** LT-UNK **MANGANESE** LT-P1 | END | MUL | REP ] **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**

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:

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.

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] | RES | GEN | MAM | SKI | EYE  
| MUL UNDISCLOSED [BM-2] | RES UNDISCLOSED [LT-P1] | 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: CDPH Standard Method - Not Tested

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-09-23

PUBLISHED DATE: 2019-09-27

EXPIRY DATE: 2022-09-23



## 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### COLD ROLLED STEEL

#: 98.00 - 99.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

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 manufactured in the United States of America.

### IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 96.00 - 99.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Main element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Cold rolled steel formed into a tub.

### MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 0.00 - 2.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Alloying element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

REPRODUCTIVE

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: 2019-09-23

#: 0.00 - 1.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Alloying element

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

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: 2019-09-23

#: 0.00 - 1.00

GS: LT-1

RC: UNK

NANO: No

ROLE: Alloying element

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: Alloy used in the steel.

### CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 0.00 - 0.60

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Alloying 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.		

## MOLYBDENUM

ID: 7439-98-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
#: 0.00 - 0.60	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Alloying element
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: 2019-09-23		
#: 0.00 - 0.60	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Alloying element
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.				

## SILICON

ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
#: 0.00 - 0.60	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Alloying element
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.				

## PHOSPHORUS

ID: 7723-14-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
#: 0.00 - 0.60	GS: BM-2	RC: UNK	NANO: No	ROLE: Alloying element

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

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

## WIRESHIELD GLASS

%: 1.00 - 2.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

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: 2019-09-23

%: 68.00 - 74.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Main element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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: 2019-09-23

%: 6.00 - 6.00

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Ingredient

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

SUBSTANCE NOTES: Information not given by manufacturer.

## CALCIUM OXIDE

ID: 1305-78-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

%: 5.00 - 14.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Ingredient

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: 2019-09-23		
%: 5.00 - 10.00	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
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: 2019-09-23		
%: 5.00 - 10.00	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Ingredient
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: 2019-09-23		
%: 3.00 - 3.00	GS: BM-2	RC: UNK	NANO: No	ROLE: Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES: Information not given by manufacturer.				

### IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
%: 1.00 - 2.50	GS: LT-P1	RC: UNK	NANO: No	ROLE: Ingredient

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

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

## CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-09-23</b>			
%: <b>1.00 - 1.00</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>

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.

## MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-09-23</b>			
%: <b>1.00 - 1.00</b>	GS: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>

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

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

## FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2019-09-23</b>			
%: <b>0.50 - 1.00</b>	GS: <b>BM-2</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>

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

SUBSTANCE NOTES: Ingredient in the wire mesh.

## CHROMIUM

ID: 7440-47-3



%: **0.50 - 1.00**GS: **LT-P1**RC: **UNK**NANO: **No**ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**RESPIRATORY**

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

**ENDOCRINE**

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

**SKIN SENSITIZE**

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **Ingredient in the wire mesh in the wireshield glass.****ACRYLIC SHEET**%: **1.00 - 2.00**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **No**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.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-23**%: **100.00 - 100.00**GS: **LT-P1**RC: **UNK**NANO: **No**ROLE: **Main element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**RESPIRATORY**

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **Information not provided by the manufacturer.****FIRE-RATED INSULATION**%: **1.00 - 3.00**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **No**RESIDUALS AND IMPURITIES NOTES: **Information not provided by the manufacturer.**OTHER MATERIAL NOTES: **Slag wool insulation to maintain fire rating.**

**CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**

ID: 65997-17-3

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

HAZARD SCREENING DATE: **2019-09-23**

#: **95.00 - 99.00**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Main element**

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: **2019-09-23**

#: **0.00 - 4.00**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **Information not provided by manufacturer.**

**TEMPERED GLASS**

#: **1.00 - 2.00**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

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: **2019-09-23**

#: **100.00 - 100.00**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Main element**

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

%: 0.50 - 1.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

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

OTHER MATERIAL NOTES: This is the only option for the Clear Vu 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: 2019-09-23

%: 100.00 - 100.00

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Main element

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

%: 0.50 - 1.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: information not provided by manufacturer.

OTHER MATERIAL NOTES: Steel continuous piano hinge.

### IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

%: 96.00 - 99.00

GS: LT-P1

RC: Both

NANO: No

ROLE: Main element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

### CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

%: 0.00 - 1.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Alloying element

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

SUBSTANCE NOTES: Alloy included in the steel.

## NICKEL

ID: 7440-02-0

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

HAZARD SCREENING DATE: **2019-09-23**

#: **0.00 - 1.00** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Alloying element**

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: Alloy included in the steel.

## CARBON

ID: 7440-44-0

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

HAZARD SCREENING DATE: **2019-09-23**

#: **0.00 - 0.60** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Alloying element**

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

SUBSTANCE NOTES: Alloy included in the steel.

## MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-23**

%: **0.00 - 2.00** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Alloying element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
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SUBSTANCE NOTES: Alloy included in the steel.

## SAFETY LOCK

%: 0.10 - 0.45

PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **No**

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: **2019-09-23**

#: **99.00 - 100.00** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Main element**

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: **Zinc cast part.**

**CHROMIUM CHLORIDE (3)**

ID: 10025-73-7

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

HAZARD SCREENING DATE: **2019-09-23**

#: **0.00 - 0.10** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **ingredient**

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

SUBSTANCE NOTES: **Chrome finish on the safety lock.**

**PULL HANDLE**

#: **0.10 - 0.43**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

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

OTHER MATERIAL NOTES: **Standard pull handle for all fire extinguisher cabinets unless ADA pull option required.**

**ZINC**

ID: 7440-66-6

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

HAZARD SCREENING DATE: **2019-09-23**

#: **99.00 - 100.00** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Main element**

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: Information not provided by manufacturer.

### DIPROPYLENE GLYCOL DIMETHYL ETHER

ID: 111109-77-4

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

HAZARD SCREENING DATE: **2019-09-23**

#: **75.00 - 90.00**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

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: **2019-09-23**

#: **25.00 - 50.00**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

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: **2019-09-23**

#: **5.00 - 10.00**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

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

SUBSTANCE NOTES: Ingredient in the clear coat finish.

**POWDER COAT**

**%: 0.00 - 1.40**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

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**

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

HAZARD SCREENING DATE: **2019-09-23**

**%: 45.00 - 49.00**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Main element**

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**

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

HAZARD SCREENING DATE: **2019-09-23**

**%: 30.00 - 35.00**

GS: **LT-1**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

CANCER

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**

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

HAZARD SCREENING DATE: **2019-09-23**

**%: 10.00 - 14.00**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**



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

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-09-23</b>		
%: <b>2.00 - 5.00</b>	GS: <b>LT-1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
GENE MUTATION	EU - SVHC Authorisation List	Mutagenic - Candidate list		
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage		
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled		
GENE MUTATION	EU - GHS (H-Statements)	H340 - May cause genetic defects		
GENE MUTATION	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic 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		
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization		
GENE MUTATION	GHS - Korea	Germ cell mutagenicity - Category 1 [H340 - May cause genetic defects]		
GENE MUTATION	EU - Annex VI CMRs	Mutagen - Category 1B		
GENE MUTATION	GHS - New Zealand	6.6A - Known or presumed human mutagens		
GENE MUTATION	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

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-09-23</b>		
%: <b>0.50 - 0.98</b>	GS: <b>BM-2</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>

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

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

### UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2019-09-23**

%: **0.10 - 1.00**      GS: **LT-P1**      RC: **UNK**      NANO: **No**      ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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

### ROLLER CATCH

%: **0.00 - 0.09**

PRODUCT THRESHOLD: **1000 ppm**      RESIDUALS AND IMPURITIES CONSIDERED: **No**

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.**

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

HAZARD SCREENING DATE: **2019-09-23**

#: **99.00 - 100.00**                      GS: **NoGS**                      RC: **UNK**                      NANO: **No**                      ROLE: **Main element**

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**

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

HAZARD SCREENING DATE: **2019-09-23**

#: **0.00 - 0.05**                      GS: **LT-UNK**                      RC: **UNK**                      NANO: **No**                      ROLE: **Ingredient**

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**

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

HAZARD SCREENING DATE: **2019-09-23**

#: **0.00 - 0.03**                      GS: **LT-P1**                      RC: **UNK**                      NANO: **No**                      ROLE: **Galvanizing element**

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: **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

### CDPH Standard Method - Not Tested

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

**09-25**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Stainless steel fire extinguisher cabinets.**

## 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.



## MANUFACTURER INFORMATION

MANUFACTURER: **Activar Construction Products Group**  
 ADDRESS: **4450 West 78th Street Circle**  
**Minneapolis MN 55435, USA**  
 WEBSITE: **www.activarcpg.com/**

CONTACT NAME: **Kathrine Barrett**  
 TITLE: **Market Analyst/Specifications Engineer**  
 PHONE: **952-838-1912**  
 EMAIL: **khbarrett@activarpdt.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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

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