

**CLASSIFICATION:** 10 43 13

**PRODUCT DESCRIPTION:** This HPD covers non-rated and fire-rated AED cabinets manufactured of aluminum or aluminum and cold rolled steel by Activar Construction Products Group, Inc. - JL Industries. More specifically this HPD covers AED cabinet models: Lifestart Series 1425, 1426, 1427, 1423 and Olympus AED & Oxygen Cabinet Series 1925, 1926, 1927, 1923 and corresponding FX2 models. AED cabinets are widely used in public spaces such as office buildings, sports venues, educational facilities and commercial retail spaces. AED cabinets house an Automated External Defibrillator unit which can be used in the event of sudden cardiac arrest.

**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 5 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 except SC substances characterized according to SC guidance.

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

**Identified**  Yes Ex/SC  Yes  No  
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 **CARBON** LT-UNK **MOLYBDENUM** LT-UNK **COPPER** LT-P1 | MUL **SILICON** LT-UNK **PHOSPHORUS** BM-2 | PHY | MAM ] **ALUMINUM** [ **3003-H14 ALUMINUM** BM-1 | RES | PHY | END **MAGNESIUM** LT-UNK | PHY **MANGANESE** LT-P1 | END | MUL | REP **IRON** LT-P1 | END ] **ACRYLIC SHEET** [ **UNDISCLOSED** LT-P1 | RES ] **FIRE-RATED INSULATION** [ **CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE** LT-UNK **PHENOL FORMALDEHYDE** LT-P1 | RES ] **SC:ELECTRONICS:AUDIBLEORSTROBEALARM** [ **SC:ACRYLONITRILE BUTADIENE STYRENE** Not Screened ] **PIANO HINGE - STEEL** [ **IRON** LT-P1 | END **CHROMIUM** LT-P1 | RES | END | SKI **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 DIMETHYL ETHER** LT-UNK **OXIRANE, (CHLOROMETHYL)-, HOMOPOLYMER** LT-UNK **2-BUTOXYETHYL ACETATE** LT-UNK | CAN ] **EPOXY INK** [ **DIPROPYLENE GLYCOL MONOMETHYL ETHER** LT-UNK **BISPHENOL A-BISPHENOL A DIGLYCIDYL ETHER POLYMER (PRIMARY CASRN IS 25036-25-3)** LT-P1 | END **ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE)** BM-2 | SKI | EYE | END **CHROMIUM** LT-P1 | RES | END | SKI **BARIUM** LT-P1 | END **ALUMINUM OXIDE** BM-2 | RES **N-BUTANOL** BM-2 | SKI | EYE **ETHANOL** BM-2 | CAN | PHY | END | REP | DEL **(POLYETHYL)BENZENES** BM-1 | MAM | MUL ]

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:**

Special conditions applied: Electronics

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

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 and aluminum so all similar cabinet models have been included in this HPD.

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 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: 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: 2020-03-04

PUBLISHED DATE: 2020-03-04

EXPIRY DATE: 2023-03-04



## 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 2.1.1, 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

#: 50.00 - 58.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Information not given by manufacturer.

OTHER MATERIAL NOTES: Cold rolled steel is the standard material the tub of the fire extinguisher cabinet is made of. Also available is a fully stainless steel fire extinguisher cabinet with a stainless steel tub.

### IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-04

#: 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: 2020-03-04

#: 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: 2020-03-04

%: **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.

## CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-04**

%: **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: **2020-03-04**

%: **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: **2020-03-04**

%: **0.00 - 0.60** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Alloying element**

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

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

## SILICON

ID: 7440-21-3

%: **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: **2020-03-04**%: **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.****ALUMINUM**%: **25.00 - 35.00**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Information not provided by the supplier.**OTHER MATERIAL NOTES: **The surface mount version of the AED cabinet is entirely made of aluminum. The semi-recess and recessed version has a cold rolled steel tub and aluminum trim and door.****3003-H14 ALUMINUM**ID: **7429-90-5**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**%: **82.00 - 95.00**GS: **BM-1**RC: **Both**NANO: **No**ROLE: **Main Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagen

Asthmagen (Rs) - sensitizer-induced

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **Minimum recycled content = post-consumer - 60% and pre-consumer 25%.**

## MAGNESIUM

ID: 7439-95-4

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

HAZARD SCREENING DATE: **2020-03-04**

#: **2.00 - 4.90**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Alloy Element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

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

SUBSTANCE NOTES:

## MANGANESE

ID: 7439-96-5

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

HAZARD SCREENING DATE: **2020-03-04**

#: **1.00 - 1.50**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Alloy 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:

## IRON

ID: 7439-89-6

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.50 - 0.90**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Alloy Element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

## 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: **2020-03-04**

#: **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: **The supplier of the acrylic sheet will not disclose all ingredients of this product due to it being a Trade Secret.**

### 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: **2020-03-04**

#: **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: **2020-03-04**

#: **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.**

### SC:ELECTRONICS:AUDIBLEORSTROBEALARM

#: **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: SpecialConditionApplied:Electronics --- The electronics of the audible alarm and the strobe alarm meet the requirement of special conditions. The case which covers the alarm/strobe electronics is disclosed.

**SC:ACRYLONITRILE BUTADIENE STYRENE**

ID: **SC:Electronics**

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

HAZARD SCREENING DATE: **2020-03-04**

%: **1.00 - 3.00** GS: **Not Screened** RC: **UNK** NANO: **No** ROLE: **Security Device**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: This is what the case the alarm electronics is housed inside.

Compliance: Yes

Takeback Program: Yes

ABS is a plastic resin.

**PIANO HINGE - STEEL**

%: **0.50 - 1.00**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Information not provided by manufacturer.

OTHER MATERIAL NOTES: Steel continuous piano hinge used on steel cabinets.

**IRON**

ID: **7439-89-6**

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

HAZARD SCREENING DATE: **2020-03-04**

%: **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: Recycled content not known.

**CHROMIUM**

ID: **7440-47-3**

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

HAZARD SCREENING DATE: **2020-03-04**

%: **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 steel.

## CARBON

ID: 7440-44-0

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

HAZARD SCREENING DATE: **2020-03-04**

#: **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 included in steel.

## MANGANESE

ID: 7439-96-5

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

HAZARD SCREENING DATE: **2020-03-04**

#: **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 steel.

## SAFETY LOCK

#: **0.10 - 0.45**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

OTHER MATERIAL NOTES: **All cabinets come with a theft-deterrent lock.**

**ZINC**

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**

%: **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: **2020-03-04**

%: **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: **2020-03-04**

%: **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: **2020-03-04**

#: **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: **2020-03-04**

#: **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: **2020-03-04**

#: **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.**

## EPOXY INK

%: **0.10 - 0.10**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Information not provided by supplier.**

OTHER MATERIAL NOTES: **Screen printing ink used for AED graphic and letters on glazing in door.**

### DIPROPYLENE GLYCOL MONOMETHYL ETHER

ID: **34590-94-8**

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

HAZARD SCREENING DATE: **2020-03-04**

%: **30.00 - 35.00**

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:

### BISPHENOL A-BISPHENOL A DIGLYCIDYL ETHER POLYMER (PRIMARY CASRN IS 25036-25-3)

ID: **1702269-51-9**

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

HAZARD SCREENING DATE: **2020-03-04**

%: **25.00 - 30.00**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**ENDOCRINE**

**EU - Priority Endocrine Disruptors**

**Category 1 - In vivo evidence of Endocrine Disruption Activity**

SUBSTANCE NOTES:

### ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE)

ID: **111-76-2**

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

HAZARD SCREENING DATE: **2020-03-04**

%: **5.00 - 10.00**

GS: **BM-2**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**SKIN IRRITATION**

**EU - GHS (H-Statements)**

**H315 - Causes skin irritation**

**EYE IRRITATION**

**EU - GHS (H-Statements)**

**H319 - Causes serious eye irritation**

**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: **2020-03-04**%: **1.00 - 1.65**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:

**BARIUM**

ID: 7440-39-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**%: **0.50 - 0.55**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:

**ALUMINUM OXIDE**

ID: 1344-28-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**%: **0.30 - 0.33**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:

**N-BUTANOL**

ID: 71-36-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**%: **0.00 - 0.50**GS: **BM-2**RC: **UNK**NANO: **No**ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage

SUBSTANCE NOTES:

## ETHANOL

ID: 64-17-5

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 0.50** GS: **BM-2** RC: **UNK** NANO: **No** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
DEVELOPMENTAL	CA EPA - Prop 65	Developmental - specific to chemical form or exposure route

SUBSTANCE NOTES:

## (POLYETHYL)BENZENES

ID: 64742-94-5

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 0.50** GS: **BM-1** RC: **UNK** NANO: **No** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

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: 2020-03-04

%: 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: 2020-03-04

%: 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: 2020-03-04

%: 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: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-04**

#: **2.00 - 5.00** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Ingredient**

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: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-03-04**

#: **0.50 - 0.98** 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: 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: **2020-03-04**

#: **0.10 - 1.00**

GS: **BM-1**

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.**

**AISI 10B21 STEEL**

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**%: **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**

ID: 25038-54-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**%: **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**

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**%: **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 aluminum and aluminum and steel AED cabinets manufactured by Activar Construction Products Group - JL Industries. Included in this HPD is the standard alarm. Manufacturing locations include Minneapolis, MN and Commerce, CA. This product can be used to meet LEED V4.1 points for MR Credit Building Product Disclosure and Optimization - Material Ingredients - Option 1 and MR Credit Building Product Disclosure and Optimization - Sourcing of Raw Materials Option 2: Leadership Extraction Practices if within 100 miles of extraction, manufacture, assembly. Please contact us for more information if you are looking to meet LEED or Living Building Challenge.



## MANUFACTURER INFORMATION

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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

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**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.*