

HPD UNIQUE IDENTIFIER: 25160

CLASSIFICATION: 10 44 13.53 Security Fire Extinguisher Cabinets

PRODUCT DESCRIPTION: This HPD includes non-rated and fire-rated security cabinets for fire extinguishers, hose and valve cabinets made with either steel or stainless steel by Activar Construction Products Group, Inc. - JL Industries. More specifically this HPD covers the following steel models: SFC-11, SFXFC-11, SFC-12, SFXFC-12, SFC-13, SFXFC-13, SFC-15, SFXFC-15, SFC-16, SFXFC-16, SFC-17, SFXFC-17, SVC-11, SFXVC-11, SVC-12, SFXVC-12, SHC-11, SFXHC-11, SHC-12, SFXHC-12, SHC-13, SFXHC-13. This HPD also cover the stainless steel models: SSFC-31, SSFXFC-31, SSFC-32, SSFXFC-32, SSFC-33, SSFXFC-33, SSFC-35, SSFXFC-35, SSFC-36, SSFXFC-36, SSFC-37, SSFXFC-37, SSVC-31, SSFXVC-31, SSVC-32, SSFXVC-32, SSVC-33, SSFXVC-33, SSHC-31, SSFXHC-31, SSHC-32, SSFXHC-32, SSHC-33, SSFXHC-33. Any custom security series cabinets manufactured by ACPG will also be covered under this HPD.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i> Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No % weight and role provided for all substances. Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No All substances screened using Priority Hazard Lists with results disclosed. Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> 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.
<input checked="" type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	Residuals/Impurities	
<input type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	Considered in 5 of 5 Materials	
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	
<input type="radio"/> Material	<input type="radio"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	
<input checked="" type="radio"/> Product			

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
GYPSUM BOARD [CALCIUM SULFATE DIHYDRATE LT-UNK
CELLULOSE, MICROCRYSTALLINE LT-UNK | RES] SECURITY
DEADBOLT LOCK [IRON, ELEMENTAL LT-P1 | END COPPER LT-P1 |
MUL ACETONE LT-P1 | END | DEV | PHY | EYE BUTANE LT-P1 | PHY |
CAN | GEN UNS Z35523 LT-P1 | AQU | PHY | END | MUL PROPANE LT-
UNK | PHY UNS Z35531 ZINC ALLOY LT-P1 | AQU | PHY | END | MUL TIN
LT-UNK LEAD BM-1 | END | PBT | REP | MUL | CAN | DEV | GEN
CHROMIUM LT-P1 | END | SKI | RES COPPER LT-P1 | MUL
MOLYBDENUM LT-UNK CARBON LT-UNK NICKEL LT-1 | CAN | RES |
MAM | MUL | SKI MANGANESE LT-P1 | END | MUL | REP] COLD ROLLED
STEEL [IRON, ELEMENTAL LT-P1 | END SILICON, ELEMENTAL 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] STAINLESS STEEL [
IRON, ELEMENTAL LT-P1 | END NICKEL LT-1 | CAN | RES | MAM | MUL |
SKI CHROMIUM LT-P1 | END | SKI | RES MOLYBDENUM LT-UNK
MANGANESE LT-P1 | END | MUL | REP COPPER LT-P1 | MUL TITANIUM
LT-UNK] POWDER COAT [UNDISCLOSED LT-1 | CAN | END
UNDISCLOSED NoGS UNDISCLOSED LT-UNK UNDISCLOSED LT-1 |
MUL | MAM | RES | SKI | GEN | EYE UNDISCLOSED BM-2 UNDISCLOSED
BM-1 | CAN UNDISCLOSED LT-UNK]

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, Inc. - JL Industries cabinets are manufactured from the same steel or stainless steel supplier across all models and sizes and in both manufacturing locations.

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: 2020-08-12

PUBLISHED DATE: 2021-06-24

EXPIRY DATE: 2023-08-12

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

GYPSUM BOARD

%: 98.0000 - 99.0000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Information not provided by supplier.

OTHER MATERIAL NOTES: Gypsum board is used in the fire-rating of the cabinets when required. Gypsum board is primarily made from calcium sulfate dihydrate and cellulose.

CALCIUM SULFATE DIHYDRATE

ID: 10101-41-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:45

%: 98.0000 - 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: Main component of gypsum board.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:49

%: 1.0000 - 3.0000 GS: LT-UNK RC: UNK NANO: No SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES: Used to provide strength and flexibility.

SECURITY DEADBOLT LOCK

%: 98.0000 - 99.0000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Information not provided by supplier.

OTHER MATERIAL NOTES: Heavy duty mechanical lock for secure facilities.

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:46

%: 95.0000 - 98.0000 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: Main component of both cold rolled steel and hot rolled steel used to construct case, cover and bolt.

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-12 18:14:46
%: 55.0000 - 90.0000	GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Structure component

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

SUBSTANCE NOTES: Copper is part of the brass alloy used in the brass lever tumblers of the locking mechanism.

ACETONE

ID: 67-64-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-12 18:14:46
%: 30.0000 - 40.0000	GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Coating

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	MAK	Pregnancy Risk Group B
PHY	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: Used in manufacture of the bright zinc coating.

BUTANE

ID: 106-97-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-12 18:14:47
%: 10.0000 - 20.0000	GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Coating

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHY	EU - GHS (H-Statements)	H220 - Extremely flammable gas
CAN	GHS - Australia	H350 - May cause cancer
GEN	GHS - Australia	H340 - May cause genetic defects

SUBSTANCE NOTES: Used in the bright zinc coating.

UNS Z35523

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-12 18:14:47
%: 10.0000 - 20.0000	GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Coating

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: Bright zinc coating is used to protect the steel case, cover and lock mechanism.

PROPANE

ID: 74-98-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:47**

#: **10.0000 - 20.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHY	EU - GHS (H-Statements)	H220 - Extremely flammable gas

SUBSTANCE NOTES: Used in the bright zinc coating.

UNS Z35531 ZINC ALLOY

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:48**

#: **1.0000 - 45.0000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

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 alloy used in the manufacture of the brass lever tumblers for the locking mechanism.

TIN

ID: 7440-31-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:51**

#: **0.0000 - 4.0000** 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: Used in the manufacture of the brass alloy lever tumblers for the locking mechanism.

LEAD

ID: 7439-92-1

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

HAZARD SCREENING DATE: **2020-08-12 18:14:51**

#: **0.0000 - 2.0000**

GS: **BM-1**

RC: **UNK**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
REP	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REP	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CAN	CA EPA - Prop 65	Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
DEV	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
CAN	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen
CAN	IARC	Group 2a - Agent is probably Carcinogenic to humans
DEV	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
PBT	US EPA - Toxics Release Inventory PBTs	PBT
DEV	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REP	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
REP	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A
GEN	MAK	Germ Cell Mutagen 3a
REP	CA EPA - Prop 65	Reproductive Toxicity - Female
REP	CA EPA - Prop 65	Reproductive Toxicity - Male
DEV	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REP	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
CAN	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]
REP	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
DEV	GHS - Australia	H360Df - May damage the unborn child. Suspected of damaging fertility
REP	GHS - Japan	Toxic to reproduction - Category 1A [H360]

SUBSTANCE NOTES: Alloy used in the brass lever tumblers in the locking mechanism.

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:50**

#: **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: Improves corrosion resistance.

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:51**

#: **0.0000 - 0.4000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Corrosion inhibitor**

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

SUBSTANCE NOTES: Added for corrosion resistance.

MOLYBDENUM

ID: 7439-98-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:51**

#: **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: Provides corrosion resistance.

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:51**

#: **0.0000 - 0.5000** 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: Used in manufacture of steel.

NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:50**

#: **0.0000 - 1.5000** 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
COLD ROLLED STEEL		
CAN	MAK %: 96.0000 - 99.0000	Carcinogen Group 1 - Substances that cause cancer in man
PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal		
CAN	IARC Information not provided by supplier.	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA Prop 65 Cold rolled steel 12 gauge used for tub, door, trim.	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
IRON, ELEMENTAL ID: 7439-89-6		
CAN	IARC Pharos Chemical and Materials Library	Group 2b - Possibly carcinogenic to humans
HAZARD SCREENING METHOD: HAZARD SCREENING DATE: 2020-08-12 18:14:46		
RES	AOEC - Asthmagens GS: LT-P1	Asthmagen (Rs) - sensitizer-induced NANO: No SUBSTANCE ROLE: Structure component
%: 95.0000 - 98.0000		RC: UNK
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
END	TEDX - Potential Endocrine Disruptors	Endocrine Disruptor
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
SUBSTANCE NOTES: Main component in cold rolled steel.		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SILICON, ELEMENTAL ID: 7440-21-3		
SKL	EU - GHS (H-Statements) Pharos Chemical and Materials Library	H317 - May cause an allergic skin reaction
HAZARD SCREENING METHOD: HAZARD SCREENING DATE: 2020-08-12 18:14:54		
%: 0.0000 - 0.6000	GS: LT-UNK	RC: UNK NANO: No SUBSTANCE ROLE: Antioxidant
SUBSTANCE NOTES: Improves hardenability.		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MANGANESE ID: 7439-96-5		
None found No warnings found on HPD Priority Hazard Lists		
CAN	IARC Pharos Chemical and Materials Library	Group 2b - Possibly carcinogenic to humans
HAZARD SCREENING METHOD: HAZARD SCREENING DATE: 2020-08-12 18:14:50		
SUBSTANCE NOTES: Principal deoxidizer.		
%: 0.0000 - 2.0000	GS: LT-P1	RC: UNK NANO: No SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
COPPER ID: 7440-50-8		
END	TEDX - Potential Endocrine Disruptors Pharos Chemical and Materials Library	Potential Endocrine Disruptor
HAZARD SCREENING METHOD: HAZARD SCREENING DATE: 2020-08-12 18:14:53		
MUL	German FEA - Substances Hazardous to Waters GS: LT-P1	Class 2 - Hazard to Waters
%: 0.0000 - 60.0000		RC: UNK NANO: No SUBSTANCE ROLE: Corrosion inhibitor
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: Added increased strength to steel.		
MOLYBDENUM ID: 7439-98-7		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:53		
%: 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: Provides corrosion resistance.		

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:53**%: **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 ingredient.

NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:53**%: **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: Improves hardenability.

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:53**%: **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: Improves corrosion inhibiting properties.

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:52**

%: **0.0000 - 2.0000** 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
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: Added to increase the strength of steel.

STAINLESS STEEL

%: **96.0000 - 99.0000**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Metal**

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

OTHER MATERIAL NOTES: Stainless steel version of the security/detention fire extinguisher, hose and valve cabinets.

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:46**

%: **66.0000 - 88.0000** 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: Main ingredient in stainless steel.

NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:49**

%: **1.0000 - 27.0000** 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 ingredient.

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:48**

#: **1.0000 - 30.0000** 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: Chromium hardens and toughens stainless steel.

MOLYBDENUM

ID: 7439-98-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:49**

#: **0.5000 - 6.0000** 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: Adds corrosion resistance properties to the stainless steel.

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:49**

%: 0.5000 - 6.0000 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
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: Increases strength, toughness and hardenability.

COPPER ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:49

%: 0.1000 - 6.0000 GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Corrosion inhibitor

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

SUBSTANCE NOTES: Helps t prevent corrosion.

POWDER COAT %: 0.0000 - 1.4000

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:50

%: 0.1000 - 5.0000 GS: LT-UNK RC: UNK NANO: No SUBSTANCE ROLE: Corrosion inhibitor

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
UNDISCLOSED		

ID: Undisclosed

None found No warnings found on HPD Priority Hazard Lists

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:47

SUBSTANCE NOTES: Provides corrosion resistance. %: 25.0000 - 30.0000 GS: LT-1 RC: UNK NANO: No SUBSTANCE ROLE: Powder coating

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: Manufacturer does not publicly disclose ingredients because it is considered proprietary.

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-12 18:14:47

%: 25.0000 - 49.0000 GS: NoGS RC: UNK NANO: No SUBSTANCE ROLE: Powder coating

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Manufacturer does not publicly disclose ingredients because it is considered proprietary.		

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-12 18:14:48		
%: 10.0000 - 14.0000	GS: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Manufacturer does not publicly disclose ingredients because it is considered proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-12 18:14:48		
%: 2.0000 - 4.0000	GS: LT-1	RC: UNK	NANO: No	SUBSTANCE ROLE: Powder coating
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: Manufacturer does not publicly disclose ingredients because it is considered proprietary.				

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:52**%: **0.0000 - 0.9860** GS: **BM-2** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Powder coating**

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

SUBSTANCE NOTES: Manufacturer does not publicly disclose ingredients because it is considered proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:52**%: **0.0000 - 0.9800** GS: **BM-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Powder coating**

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: Manufacturer does not publicly disclose ingredients because it is considered proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-12 18:14:52**%: **0.0000 - 0.4500** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Powder coating**

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

SUBSTANCE NOTES: Manufacturer does not publicly disclose ingredients because it is considered proprietary.

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

ISSUE DATE: 2021-06-

EXPIRY DATE: 2024-

CERTIFIER OR LAB: None

APPLICABLE FACILITIES: None

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06-24

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

SCREWS

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for installation of cabinets are standard universal #10, 2-1/2 inch screws for installation. Screws are not provided with product.

Section 5: General Notes

The steel security series fire extinguisher, hose and valve cabinets have the following recycled content: 23.5% Post-consumer and 6.5% Pre-consumer recycled content. The stainless steel security series fire extinguisher and hose and valve cabinets have the following recycled content: 44% Post-consumer and 16% Pre-consumer recycled content.

MANUFACTURER INFORMATION

MANUFACTURER: Activar Construction Products Group
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 Minneapolis MN 55431, USA
WEBSITE: www.activarcpg.com

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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.