

# FD - Fire Rated Wall or Ceiling Access Door in Steel or Stainless Steel by Activar Construction Products Group

## Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 08 31 00

PRODUCT DESCRIPTION: This HPD covers insulated fire rated access doors for wall or ceiling. Manufactured from cold rolled steel, stainless steel and heavy gauge steel. Specifically this HPD covers access door models: FD, FDS FDW, FDP, FD-H for 1 and 2 hour rating only. Access door are manufactured in many different sizes which provides optimal efficiency and aesthetics. Many different options are available for these access doors.

### 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 8 of 8 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 CARBON LT-UNK MOLYBDENUM LT-UNK COPPER LT-UNK SILICON LT-UNK ] STAINLESS STEEL [ IRON LT-P1 | END CHROMIUM LT-P1 | RES | END | SKI NICKEL LT-1 | RES | CAN | SKI | MAM | MUL MANGANESE LT-P1 | END | MUL | REP SILICON LT-UNK MOLYBDENUM LT-UNK COPPER LT-UNK TUNGSTEN METAL LT-UNK 3003-H14 ALUMINUM LT-P1 | RES | PHY | END TITANIUM LT-UNK ] HINGE - STEEL [ IRON LT-P1 | END CHROMIUM LT-P1 | RES | END | SKI CARBON LT-UNK MANGANESE LT-P1 | END | MUL | REP ] FIRE RATED INSULATION [ CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK PHENOL-FORMALDEHYDE RESIN (PRIMARY CASRN IS 9003-35-4) LT-P1 | RES ] HINGE - STAINLESS STEEL [ IRON LT-P1 | END CHROMIUM LT-P1 | RES | END | SKI MANGANESE LT-P1 | END | MUL | REP MOLYBDENUM LT-UNK ] SLAM LATCH [ AISI 10B21 STEEL NoGS ZINC LT-P1 | AQU | PHY | END | MUL ] SPRING STEEL [ IRON LT-P1 | END SILICON LT-UNK MANGANESE LT-P1 | END | MUL | REP CARBON LT-UNK CHROMIUM LT-P1 | RES | END | SKI VANADIUM LT-1 | MUL | CAN | GEN ] POWDER COAT [ 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 UNDISCLOSED LT-UNK UNDISCLOSED NoGS ]

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 is prepared using a Nested Materials Inventory with a product threshold at 1,000 ppm. Activar Construction Products Group, Inc. - JL Industries access door are made from a variety of steel and stainless steel gauges which are represented in this HPD.

**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 V1.1 (Section 01350/CHPS) - Zero  
VOC emissions

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2019-12-13**

PUBLISHED DATE: **2019-12-13**

EXPIRY DATE: **2022-12-13**



## 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

#: 99.00 - 100.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Information not provided by manufacturer.

OTHER MATERIAL NOTES: Cold rolled steel is the material the fire rated access door is made from. There is also a stainless steel option for this series.

### IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-12-13

#: 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: Main ingredient of cold rolled steel.

### MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-12-13

#: 0.00 - 2.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Alloy Ingredient

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.

### CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-12-13

#: **0.00 - 1.00** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Alloy 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: Alloy used in steel.

## CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 0.60** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Alloy Ingredient**

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

SUBSTANCE NOTES: Ingredient used in making steel.

## MOLYBDENUM

ID: 7439-98-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 0.60** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Alloy Ingredient**

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

SUBSTANCE NOTES: Ingredient used in making steel.

## COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 0.60** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Alloy Ingredient**

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

SUBSTANCE NOTES: Ingredient used in making steel.

## SILICON

ID: 7440-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: 0.00 - 0.60

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Alloy Ingredient

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Ingredient used in making steel.

## STAINLESS STEEL

#: 99.00 - 100.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Information not provided by supplier.

OTHER MATERIAL NOTES: 304 stainless steel #4 finish

## IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-12-13

#: 45.00 - 90.00

GS: LT-P1

RC: Both

NANO: No

ROLE: Main Ingredient

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: 44% post-consumer and 16% pre-consumer recycled content.

## CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-12-13

#: 10.00 - 30.00

GS: LT-P1

RC: UNK

NANO: No

ROLE: Alloy 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 stainless steel.

## NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-12-13

#: 0.00 - 40.00

GS: LT-1

RC: UNK

NANO: No

ROLE: Alloy Ingredient

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: Ingredient in stainless steel.

## MANGANESE

ID: 7439-96-5

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

HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 15.00**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Alloy Ingredient**

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 stainless steel.

## SILICON

ID: 7440-21-3

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

HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 9.50**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Alloy Ingredieient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Ingredient in stainless steel.		

### MOLYBDENUM

ID: 7439-98-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-12-13		
#: 0.00 - 7.00	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Alloy Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Ingredient in stainless steel.				

### COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-12-13		
#: 0.00 - 5.00	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Alloy Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Ingredient in stainless steel.				

### TUNGSTEN METAL

ID: 7440-33-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-12-13		
#: 0.00 - 4.00	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Alloy Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Ingredient in stainless steel.				

### 3003-H14 ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-12-13		
#: 0.00 - 4.00	GS: LT-P1	RC: UNK	NANO: No	ROLE: Alloy Ingredient

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
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: **Ingredient in stainless steel.**

## TITANIUM

ID: **7440-32-6**

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

HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 2.00**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Alloy Ingredient**

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

SUBSTANCE NOTES: **Ingredient in stainless steel.**

## HINGE - STEEL

#: **2.00 - 3.00**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

OTHER MATERIAL NOTES: **Steel hinge welded to access door frame.**

## IRON

ID: **7439-89-6**

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

HAZARD SCREENING DATE: **2019-12-13**

#: **70.00 - 85.00**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Main Ingredient**

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

SUBSTANCE NOTES: **Main ingredient in steel.**

## CHROMIUM

ID: **7440-47-3**

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

HAZARD SCREENING DATE: **2019-12-13**



%: **11.00 - 15.00**

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 steel.**

### CARBON

ID: **7440-44-0**

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

HAZARD SCREENING DATE: **2019-12-13**

%: **0.00 - 0.60**

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 steel.**

### MANGANESE

ID: **7439-96-5**

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

HAZARD SCREENING DATE: **2019-12-13**

%: **0.00 - 2.00**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Ingredient**

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 used in steel.**

### FIRE RATED INSULATION

%: **1.00 - 3.00**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Information not provided by 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: **2019-12-13**

%: <b>95.00 - 99.00</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Main Ingredient</b>
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found	No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: **Slag wool fiber.****PHENOL-FORMALDEHYDE RESIN (PRIMARY CASRN IS 9003-35-4)**

ID: 2180992-35-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-12-13**

%: <b>0.00 - 4.00</b>	GS: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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<b>RESPIRATORY</b>	<b>AOEC - Asthmagens</b>	<b>Asthmagen (Rs) - sensitizer-induced</b>
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SUBSTANCE NOTES: **Resin used to bind fibers together.****HINGE - STAINLESS STEEL**%: **1.00 - 2.00**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Information not provided by supplier.**OTHER MATERIAL NOTES: **Stainless steel hinge is 304 with #4 finish****IRON**

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-12-13**

%: <b>70.00 - 85.00</b>	GS: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Main Ingredient</b>
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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<b>ENDOCRINE</b>	<b>TEDX - Potential Endocrine Disruptors</b>	<b>Potential Endocrine Disruptor</b>
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SUBSTANCE NOTES: **Main ingredient in stainless steel.****CHROMIUM**

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-12-13**

%: <b>11.00 - 15.00</b>	GS: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Ingredient</b>
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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 used in stainless steel.

## MANGANESE

ID: 7439-96-5

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

HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 2.00** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Ingredient**

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 stainless steel.

## MOLYBDENUM

ID: 7439-98-7

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

HAZARD SCREENING DATE: **2019-12-13**

#: **0.00 - 1.00** 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 stainless steel.

## SLAM LATCH

#: **1.00 - 2.00**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

OTHER MATERIAL NOTES: **Steel latch mechanism.**

**AISI 10B21 STEEL**

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-12-13**%: **99.00 - 100.00**GS: **NoGS**RC: **UNK**NANO: **No**ROLE: **Main Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Main ingredient is steel.****ZINC**

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-12-13**%: **0.00 - 10.00**GS: **LT-P1**RC: **UNK**NANO: **No**ROLE: **Ingredient**

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: **Finish ingredient.****SPRING STEEL**%: **0.50 - 1.00**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Information not provided by supplier.**OTHER MATERIAL NOTES: **Carbon steel wire used for springs.****IRON**

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-12-13**%: **95.00 - 99.00**GS: **LT-P1**RC: **UNK**NANO: **No**ROLE: **Main Ingredient**

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

SUBSTANCE NOTES: Information not provided by supplier.

## SILICON

ID: 7440-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **1.00 - 1.60** 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 spring steel.

## MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **0.25 - 1.65** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Ingredient**

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 spring steel.

## CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **0.01 - 1.10** 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 spring steel.

## CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **0.01 - 1.50** 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 spring steel.**

## VANADIUM

ID: **7440-62-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **0.01 - 0.35** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
GENE MUTATION	MAK	Germ Cell Mutagen 2

SUBSTANCE NOTES: **Ingredient in spring steel.**

## POWDER COAT

#: **0.00 - 1.40**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

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

## UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-13**

#: **28.00 - 30.80** 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: This manufacturer does not disclose ingredients because the combination of ingredients is proprietary.

### UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-12-13**

#: **10.00 - 13.60**

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

### UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-12-13**

#: **2.00 - 3.60**

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

## UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-12-13</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: This manufacturer does not disclose ingredients because the combination of ingredients is proprietary.

## UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-12-13</b>		
%: <b>0.50 - 0.98</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
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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

### UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-12-13</b>		
%: <b>0.00 - 0.42</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: This manufacturer does not disclose ingredients because the combination of ingredients is proprietary.

### UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-12-13</b>		
%: <b>0.00 - 48.60</b>	GS: <b>NoGS</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Main Ingredient</b>
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 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

### CDPH Standard Method V1.1 (Section 01350/CHPS) - Zero VOC emissions

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE: **2022-**

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **Minneapolis, MN and  
Commerce, CA**

**12-13**

**12-13**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Fire rated access doors.**

## 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:

Product can be installed with #10 sheet metal screws. Provided by others.

## Section 5: General Notes

This HPD covers Activar Construction Products Group - JL Industries fire rated FD model access doors for 1 and 2 hour wall or ceiling. It also covers FDS (stainless steel), FDW (concealed frame), FDP (for plaster walls/ceilings), and FD HG (heavy gauge) products.



## MANUFACTURER INFORMATION

MANUFACTURER: **Activar Construction Products Group**  
 ADDRESS: **4450 West 78th Street Circle**  
**Minneapolis Minnesota 55435, United States**  
 WEBSITE: **http://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.*