

Regent Honeycomb Core Door by Assa Abloy

CLASSIFICATION: 08 11 00

PRODUCT DESCRIPTION: Regent doors are made full-flush or (optional) seamless style. Face sheets are commercial quality cold rolled steel (optional) hot-dipped galvanized steel supplied by Nucor (Alabama). Regent full-flush doors have mechanically interlocked, hemmed, hairline seams on vertical edges and have no visible seams on faces. Doors specified 'seamless' have no visible seams on faces or vertical edges. 14 gage doors are seamless vertical edge construction. A one piece, kraft honeycomb core is securely bonded to both face sheets under pressure with contact adhesive. The top and bottom door edges are closed with 16 gage steel channels welded to both face sheets.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities Considered in 0 of 7 Materials

- Explanation(s) provided for Residuals/Impurities?
- Yes
 - No

Are All Substances Above the Threshold Indicated:

Characterized

Percent Weight and Role Provided?

- Yes
- No

Screened

Using Priority Hazard Lists with Results Disclosed?

- Yes
- No

Identified

Name and Identifier Provided?

- Yes
- No

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](#)

STEEL [IRON LT-UNK MANGANESE LT-P1 | END NICKEL LT-1] | MAM | CAN | SKI | AQU | RES ZINC LT-P1 | AQU | RES | PHY]
HONEYCOMB CORE [KRAFT PAPER UNK] HENKEL 318R WATER-BASED ADHESIVE [WATER UNK ROSIN, POLYMER WITH PHENOL LT-UNK TOLUENE LT-1] | MAM | SKI | DEL | REP | PHY | END | MUL ZINC OXIDE LT-P1 | AQU | RES | MUL DIETHANOLAMINE LT-1 | MAM | SKI | EYE | RES | CAN | END] HENKEL 563R ADHESIVE PRIMER [ACETONE LT-P1 | EYE | PHY | END] DEL SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC LT-1 | CAN | GEN | MAM | MUL N-HEPTANE, BRANCHED, CYCLIC AND LINEAR UNK N-HEXANE LT-P1 | MAM | SKI | AQU | REP | PHY | MUL | END TOLUENE LT-1 | MAM | SKI | DEL | REP | PHY | END | MUL P-TERT-BUTYLPHENOL FORMALDEHYDE LT-UNK CYCLOHEXANE LT-P1 | SKI | AQU | PHY | MAM | MUL N-HEPTANE LT-P1 | SKI | AQU | PHY | MAM | MUL MAGNESIUM OXIDE LT-UNK ZINC OXIDE LT-P1 | AQU | RES | MUL ROSIN BINDERS UNK] GRAY PRIMER (WATER BASED) [WATER UNK ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) LT-P1] | MAM | EYE | SKI | END | CAN LIMESTONE; CALCIUM CARBONATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN TALC LT-UNK | CAN 2-(2-BUTOXYETHOXY)ETHANOL LT-UNK | EYE CARBON BLACK LT-1 | CAN] #3500 EPOXY PART A [EPICHLOROHYDRIN-BISPHENOL A RESIN LT-P1] | EYE | SKI | AQU | MUL | REP | DEL LIMESTONE; CALCIUM CARBONATE LT-UNK FUMED SILICA, CRYSTALLINE-FREE LT-UNK] #3500 EPOXY PART B [TRIETHYLENETETRAMINE LT-P1] | MAM | SKI | AQU | RES | MUL KAOLIN CLAY LT-UNK | CAN FUMED SILICA, CRYSTALLINE-FREE LT-UNK]

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:

Residuals not considered as impacts are not considered to be significant

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC content: Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
LCA: Environmental Product Declaration
Other: Declare Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2016-12-01

PUBLISHED DATE: 2018-05-24

EXPIRY DATE: 2019-12-01

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, available on the HPDC website at www.hpd-collaborative.org/hpd-2-1-standard

STEEL

#: 96.5700 - 96.5700

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: Bottom Door Skin .042 X 41.0000 X 83.2500 CRCQ; Top Door Skin .042 X 38.0000 X 83.2500CRCQ; Closer Reinforcement - 6" x 20" 14 ga CRS; Lock Reinforcement - Cylindrical; Top End Channel EC34/30T - 3/4" LEG; Bottom End Channel EC34/30B - 3/4" LEG; Hinge Reinforcement 4.5.134.180HR/16DR1614FR

IRON

ID: 7439-89-6

#: 95.0000 - 95.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Iron

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Structural Component

MANGANESE

ID: 7439-96-5

#: 2.0000 - 2.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Manganese

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Structural Component

NICKEL

ID: 7440-02-0

#: 0.2000 - 0.2000

GS: LT-1

RC: None

NANO: No

ROLE: Nickel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R23 - Toxic by Inhalation (gas, vapour, dust/mist)

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ORGAN TOXICANT

EU - R-phrases

R48: Danger of serious damage to health by prolonged exposure.

ACUTE AQUATIC

EU - R-phrases

R52 - Harmful to Aquatic Organisms

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

Reasonably Anticipated to be Human Carcinogen

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SKIN IRRITATION

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

CANCER

MAK

Carcinogen Group 1 - Substances that cause cancer in man

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Structural Component

ZINC

ID: 7440-66-6

#: 0.1500 - 9.1000

GS: LT-P1

RC: None

NANO: No

ROLE: Zinc

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

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

SUBSTANCE NOTES: Structural Component

HONEYCOMB CORE

#: 2.4600 - 2.4600

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

KRAFT PAPER

ID: Not registered

#: 100.0000 - 100.0000	GS: UNK	RC: None	NANO: No	ROLE: KRAFT PAPER
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Core Component

HENKEL 318R WATER-BASED ADHESIVE

#: 0.4000 - 0.4000

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

WATER

ID: 7732-18-5

#: 85.0000 - 95.0000	GS: UNK	RC: None	NANO: No	ROLE: WATER
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Adhesive Component

ROSIN, POLYMER WITH PHENOL

ID: 68083-03-4

#: 5.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Rosin, polymer with phenol
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Adhesive Component

TOLUENE

ID: 108-88-3

#: 1.0000 - 5.0000	GS: LT-1	RC: None	NANO: No	ROLE: TOLUENE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)		
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin		
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.		
DEVELOPMENTAL	EU - R-phrases	R63 - Possible risk of harm to the unborn child		
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant		
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity		
REPRODUCTIVE	CA EPA - Prop 65	Developmental Toxicity - Female		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour		
MAMMALIAN	EU - GHS (H-Statements)	H304: May be fatal if swallowed and enters airways		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: Adhesive Component

ZINC OXIDE

ID: 1314-13-2

HAZARDS:	AGENCY(IES) WITH WARNINGS:	RC: None	NANO: No	ROLE: ZINC OXIDE
%: 1.0000 - 5.0000	GS: LT-P1			
ACUTE AQUATIC	EU - R-phrases		R50 - Very Toxic to Aquatic Organisms	
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induced - inhalable forms only	
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	
MULTIPLE	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	

SUBSTANCE NOTES: Adhesive Component

DIETHANOLAMINE

ID: 111-42-2

HAZARDS:	AGENCY(IES) WITH WARNINGS:	RC: None	NANO: No	ROLE: DIETHANOLAMINE
%: 0.1000 - 1.0000	GS: LT-1			
MAMMALIAN	EU - R-phrases		R22 - Harmful if Swallowed	
SKIN IRRITATION	EU - R-phrases		R38 - Irritating to skin	
EYE IRRITATION	EU - R-phrases		R41 - Risk of serious damage to eyes	
ORGAN TOXICANT	EU - R-phrases		R48: Danger of serious damage to health by prolonged exposure.	
RESPIRATORY	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced	
CANCER	IARC		Group 2b - Possibly carcinogenic to humans	
CANCER	CA EPA - Prop 65		Carcinogen	
SKIN IRRITATION	EU - GHS (H-Statements)		H315 - Causes skin irritation	
EYE IRRITATION	EU - GHS (H-Statements)		H318 - Causes serious eye damage	
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
CANCER	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SKIN SENSITIZE	MAK		Sensitizing Substance Sh - Danger of skin sensitization	

SUBSTANCE NOTES: Adhesive Component

HENKEL 563R ADHESIVE PRIMER

%: 0.3900 - 0.3900

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

ACETONE

ID: 67-64-1

HAZARDS:	AGENCY(IES) WITH WARNINGS:	RC: None	NANO: No	ROLE: ACETONE
%: 30.0000 - 60.0000	GS: LT-P1			
EYE IRRITATION	EU - R-phrases		R36 - Irritating to eyes	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H225 - Highly flammable liquid and vapour	
EYE IRRITATION	EU - GHS (H-Statements)		H319 - Causes serious eye irritation	
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
DEVELOPMENTAL	MAK		Pregnancy Risk Group B	

SUBSTANCE NOTES: Adhesive Primer Component

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC

ID: 64742-89-8

HAZARDS:	AGENCY(IES) WITH WARNINGS:	RC: None	NANO: No	ROLE: SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC
%: 10.0000 - 30.0000	GS: LT-1			

CANCER	EU - R-phrases	R45 - May cause cancer
GENE MUTATION	EU - R-phrases	R46 - May cause heritable genetic damage
MAMMALIAN	EU - GHS (H-Statements)	H304: May be fatal if swallowed and enters airways
GENE MUTATION	EU - GHS (H-Statements)	H340 - May cause genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
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
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	EU - Annex VI CMRs	Mutagen - Category 1B

SUBSTANCE NOTES: Adhesive Primer Component

N-HEPTANE, BRANCHED, CYCLIC AND LINEAR

ID: 426260-76-6

%: 10.0000 - 30.0000	GS: UNK	RC: None	NANO: No	ROLE: N-HEPTANE, BRANCHED, CYCLIC AND LINEAR
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Adhesive Primer Component

N-HEXANE

ID: 110-54-3

%: 10.0000 - 30.0000	GS: LT-P1	RC: None	NANO: No	ROLE: N-HEXANE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)		
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin		
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.		
ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms		
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility		
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour		
MAMMALIAN	EU - GHS (H-Statements)	H304: May be fatal if swallowed and enters airways		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
REPRODUCTIVE	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility		
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: Adhesive Primer Component

TOLUENE

ID: 108-88-3

%: 5.0000 - 10.0000	GS: LT-1	RC: None	NANO: No	ROLE: TOLUENE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)		
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin		
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.		
DEVELOPMENTAL	EU - R-phrases	R63 - Possible risk of harm to the unborn child		
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant		
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity		
REPRODUCTIVE	CA EPA - Prop 65	Developmental Toxicity - Female		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour		
MAMMALIAN	EU - GHS (H-Statements)	H304: May be fatal if swallowed and enters airways		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child		

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: Adhesive Primer Component

P-TERT-BUTYLPHENOL FORMALDEHYDE

ID: 25085-50-1

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: P-TERT-BUTYLPHENOL FORMALDEHYDE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Adhesive Primer Component

CYCLOHEXANE

ID: 110-82-7

%: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	ROLE: CYCLOHEXANE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin		
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms		
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)	H225 - Highly flammable liquid and vapour		
MAMMALIAN	EU - GHS (H-Statements)	H304: May be fatal if swallowed and enters airways		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: Adhesive Primer Component

N-HEPTANE

ID: 142-82-5

%: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	ROLE: N-HEPTANE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin		
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms		
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)	H225 - Highly flammable liquid and vapour		
MAMMALIAN	EU - GHS (H-Statements)	H304: May be fatal if swallowed and enters airways		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: Adhesive Primer Component

MAGNESIUM OXIDE

ID: 1309-48-4

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: MAGNESIUM OXIDE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Adhesive Primer Component

ZINC OXIDE

ID: 1314-13-2

%: 0.1000 - 1.0000	GS: LT-P1	RC: None	NANO: No	ROLE: ZINC OXIDE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only		
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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: Adhesive Primer Component		

ROSIN BINDERS ID: Not registered

%: 0.1000 - 1.0000	GS: UNK	RC: None	NANO: No	ROLE: Rosin binders
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: Adhesive Primer Component				

GRAY PRIMER (WATER BASED) %: 0.1000 - 0.1000 HPD URL:

MATERIAL THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No
RESIDUALS AND IMPURITIES NOTES:	
OTHER MATERIAL NOTES:	

WATER ID: 7732-18-5

%: 40.0000 - 50.0000	GS: UNK	RC: None	NANO: No	ROLE: WATER
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: Primer Component				

ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) ID: 111-76-2

%: 10.0000 - 15.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Ethylene glycol monobutyl ether (EGBE)
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)		
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin		
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed		
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes		
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin		
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		
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
SUBSTANCE NOTES: Primer Component				

LIMESTONE; CALCIUM CARBONATE ID: 1317-65-3

%: 10.0000 - 15.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: LIMESTONE; CALCIUM CARBONATE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: Primer Component				

TITANIUM DIOXIDE ID: 13463-67-7

%: 5.0000 - 10.0000	GS: LT-1	RC: None	NANO: No	ROLE: Titanium dioxide
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen (airborne particles of respirable size - occupational setting)		
CANCER	IARC	Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources		
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		

TALC

ID: 14807-96-6

HAZARDS:	AGENCY(IES) WITH WARNINGS:
<p>#: 5.0000 - 10.0000</p> <p>GS: LT-UNK</p> <p>RC: None</p> <p>NANO: No</p> <p>ROLE: TALC</p>	<p>CANCER</p> <p>MAK</p> <p>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</p>

SUBSTANCE NOTES: Primer Component

2-(2-BUTOXYETHOXY)ETHANOL

ID: 112-34-5

HAZARDS:	AGENCY(IES) WITH WARNINGS:
<p>#: 1.0000 - 5.0000</p> <p>GS: LT-UNK</p> <p>RC: None</p> <p>NANO: No</p> <p>ROLE: 2-(2-BUTOXYETHOXY)ETHANOL</p>	<p>EYE IRRITATION</p> <p>EU - R-phrases</p> <p>R36 - Irritating to eyes</p>
<p>EYE IRRITATION</p> <p>EU - GHS (H-Statements)</p>	<p>H319 - Causes serious eye irritation</p>

SUBSTANCE NOTES: Primer Component

CARBON BLACK

ID: 1333-86-4

HAZARDS:	AGENCY(IES) WITH WARNINGS:
<p>#: 1.0000 - 5.0000</p> <p>GS: LT-1</p> <p>RC: None</p> <p>NANO: No</p> <p>ROLE: CARBON BLACK</p>	<p>CANCER</p> <p>US CDC - Occupational Carcinogens</p> <p>Occupational Carcinogen</p>
<p>CANCER</p> <p>CA EPA - Prop 65</p>	<p>Carcinogen (airborne particles of respirable size - occupational setting)</p>
<p>CANCER</p> <p>IARC</p>	<p>Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources</p>
<p>CANCER</p> <p>MAK</p>	<p>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</p>

SUBSTANCE NOTES: Primer Component

#3500 EPOXY PART A

#: 0.0400 - 0.0400

HPD URL:

MATERIAL THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No
RESIDUALS AND IMPURITIES NOTES:	
OTHER MATERIAL NOTES:	

EPICHLOROHYDRIN-BISPHENOL A RESIN

ID: 25068-38-6

HAZARDS:	AGENCY(IES) WITH WARNINGS:
<p>#: 66.6000 - 66.6000</p> <p>GS: LT-P1</p> <p>RC: None</p> <p>NANO: No</p> <p>ROLE: EPICHLOROHYDRIN-BISPHENOL A RESIN</p>	<p>EYE IRRITATION</p> <p>EU - R-phrases</p> <p>R36 - Irritating to eyes</p>
<p>SKIN IRRITATION</p> <p>EU - R-phrases</p>	<p>R38 - Irritating to skin</p>
<p>SKIN SENSITIZE</p> <p>EU - R-phrases</p>	<p>R43 - May cause sensitization by skin contact</p>
<p>ACUTE AQUATIC</p> <p>EU - R-phrases</p>	<p>R51 - Toxic to Aquatic Organisms</p>
<p>RESTRICTED LIST</p> <p>US EPA - PPT Chemical Action Plans</p>	<p>EPA Chemical of Concern - Action Plan published</p>
<p>CHRON AQUATIC</p> <p>EU - GHS (H-Statements)</p>	<p>H411 - Toxic to aquatic life with long lasting effects</p>
<p>SKIN IRRITATION</p> <p>EU - GHS (H-Statements)</p>	<p>H315 - Causes skin irritation</p>
<p>SKIN IRRITATION</p> <p>EU - GHS (H-Statements)</p>	<p>H317 - May cause an allergic skin reaction</p>
<p>EYE IRRITATION</p> <p>EU - GHS (H-Statements)</p>	<p>H319 - Causes serious eye irritation</p>
<p>MULTIPLE</p> <p>German FEA - Substances Hazardous to Waters</p>	<p>Class 2 - Hazard to Waters</p>
<p>REPRODUCTIVE</p> <p>US EPA - PPT Chemical Action Plans</p>	<p>Reproductive effects</p>
<p>DEVELOPMENTAL</p> <p>US EPA - PPT Chemical Action Plans</p>	<p>Developmental Effects</p>

SUBSTANCE NOTES: Epoxy Part A Component

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARDS:	AGENCY(IES) WITH WARNINGS:
<p>#: 25.0000 - 25.0000</p> <p>GS: LT-UNK</p> <p>RC: None</p> <p>NANO: No</p> <p>ROLE: LIMESTONE; CALCIUM CARBONATE</p>	

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Epoxy Part A Component

FUMED SILICA, CRYSTALLINE-FREE

ID: 112945-52-5

%: 8.4000 - 8.4000	GS: LT-UNK	RC: None	NANO: No	ROLE: FUMED SILICA, CRYSTALLINE-FREE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Epoxy Part A Component

#3500 EPOXY PART B

%: 0.0400 - 0.0400

HPD URL:

MATERIAL THRESHOLD: 1000 ppm
 RESIDUALS AND IMPURITIES NOTES:
 OTHER MATERIAL NOTES:
 RESIDUALS AND IMPURITIES CONSIDERED: No

TRIETHYLENETETRAMINE

ID: 112-24-3

%: 57.1600 - 57.1600	GS: LT-P1	RC: None	NANO: No	ROLE: TRIETHYLENETETRAMINE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin		
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns		
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact		
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
MULTIPLE	German FE - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		

SUBSTANCE NOTES: Epoxy Part B Component

KAOLIN CLAY

ID: 1332-58-7

%: 21.4200 - 21.4200	GS: LT-UNK	RC: None	NANO: No	ROLE: KAOLIN CLAY
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

SUBSTANCE NOTES: Epoxy Part B Component

FUMED SILICA, CRYSTALLINE-FREE

ID: 112945-52-5

%: 21.4200 - 21.4200	GS: LT-UNK	RC: None	NANO: No	ROLE: FUMED SILICA, CRYSTALLINE-FREE
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Epoxy Part B Component

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 CONTENT	Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2011-05-11	EXPIRY DATE: 2016-05-11	CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: N/A			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			
LCA			Environmental P Declaration
CERTIFYING PARTY: Third Party			ISSUE DATE: 2015-04-10
APPLICABLE FACILITIES: NA			EXPIRY DATE: 2016-04-10
CERTIFICATE URL:			
http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Doors%20and%20Frames/118.1_ASSA%20ABLOY_mrEPD_Ceco%20Regent%20Door_20140419.pdf			
CERTIFICATION AND COMPLIANCE NOTES:			
OTHER	Declare Label		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2015-09-01	EXPIRY DATE: 2016-09-01	CERTIFIER OR LAB: ILFI
APPLICABLE FACILITIES: NA			
CERTIFICATE URL:			
http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/CECO%20Door%20Regent-%20Omega%20Honeycomb.jpg			
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.

No accessories are required for this product.

Section 5: General Notes

Residuals not considered as impacts are not considered to be significant

MANUFACTURER INFORMATION

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

GreenScreen (GS)

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