

HPD UNIQUE IDENTIFIER: 26021

CLASSIFICATION: 08 52 13 Metal-Clad Wood Windows

PRODUCT DESCRIPTION: Custom colors, dramatic sizes, dynamic shapes, exotic wood and more. Every Andersen® E-Series window becomes a design opportunity, giving you the freedom to custom-create the home of your dreams.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	<i>% weight and role provided for all substances.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	<b>Explanation(s) provided for Residuals/Impurities?</b>	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No
			<i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>

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**

**ANDERSEN® E-SERIES DOUBLE-HUNG WINDOW [ GLASS, OXIDE, CHEMICALS LT-UNK WOOD NoGS ALUMINUM NoGS POLYVINYL CHLORIDE LT-P1 | RES STEEL NoGS ZINC LT-P1 | END | MUL | AQU | PHY POLY[IMINO(1,6-DIOXO-1,6- HEXANEDIYL)IMINO-1,6-HEXANEDIYL] LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE LT-UNK CARBAMIC ACID, BUTYL-, 3-iodo-2-propynyl ester BM-2 | END | SKI | MUL | AQU | EYE | MAM PROPICONAZOLE (ISO); (±)-1-[2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3-DIOXOLAN-2-YLMETHYL]-1H-1,2,4-TRIAZOLE LT-1 | END | REP | MUL | AQU | SKI | DEV TEBUCONAZOLE (ISO); 1-(4-CHLOROPHENYL)-4,4-DIMETHYL-3-(1,2,4-TRIAZOL-1-YLMETHYL)PENTAN-3-OL LT-P1 | END | MUL | AQU | DEV POLYPROPYLENE LT-UNK LIMESTONE (CALCIUM CARBONATE) BM-3dg BICYCLO[2.2.1]HEPT-2-ENE, 5-ETHYLIDENE-, POLYMER WITH ETHENE AND 1-PROPENE LT-UNK PHENOL, POLYMER WITH FORMALDEHYDE LT-P1 | RES IRON NoGS SILICONIZED NYLON (NYLON 6) NoGS TALC BM-1 | CAN POLYETHYLENE TEREPHTHALATE (PET) LT-UNK POLYETHYLENE LT-UNK POLYVINYL ACETATE LT-UNK DIISONONYL PHTHALATE (DINP-1, MIXTURE OF ISOMERS AS MANUFACTURED) LT-1 | END | MUL | REP | CAN | DEV POLYMETHYLENE POLYPHENYL ISOCYANATE (PMDI) LT-UNK | MUL | RES | CAN POLYURETHANE FOAMS (POLYURETHANE) LT-UNK POLYCARBONATE LT-UNK SILICON DIOXIDE BM-1 | CAN 2-BUTANONE, 2,2',2''-(O,O',O''-(METHYLSILYLIDYNE)TRIOXIME) LT-UNK POLYBUTENE LT-UNK MELAMINE/FORMALDEHYDE RESIN LT-UNK 2-BUTANONE, 2,2',2''-(O,O',O''-(ETHENYLSILYLIDYNE)TRIOXIME) BM-1tp TRIMETHYLATED SILICA NoGS PIGMENT BLUE 15 BM-3 CARBON BLACK BM-1 | CAN POLYPROPYLENE LT-UNK ]**

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen

Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This disclosure covers the double-hung windows within the Andersen® E-Series product line. All weight percentages are based on the NFPA Standard size for this type of window (1.2 x 1.5 m). Disclosure is based on the aluminum nailing fin option rather than the standard polymer option with drip cap. Substances list covers all exterior colors as pigments in the paint fall below the reporting threshold and is based on the natural interior with no paint or stain. Most information based on supplier disclosures of information.

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: SCS Indoor Advantage Gold

Sustainable forestry: FSC Certification - Chain of Custody (COC)

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-09-03

PUBLISHED DATE: 2021-09-03

EXPIRY DATE: 2024-09-03

## 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](http://www.hpd-collaborative.org/hpd-2-2-standard)

### ANDERSEN® E-SERIES DOUBLE-HUNG WINDOW

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Data collection in the supply chain included any residuals and impurities present above the reporting threshold.

OTHER PRODUCT NOTES: Certain chemicals are reported even if below the reporting threshold if that information was available.

#### GLASS, OXIDE, CHEMICALS

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-03 18:32:12

#: 41.2780 - 41.2780 GS: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Glass component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#### WOOD

ID: Not Registered

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE: 2021-09-03 18:06:43

#: 26.9030 - 26.9030 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Biological material

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#### ALUMINUM

ID: 91728-14-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-03 18:32:13

#: 17.0590 - 17.0590 GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Structure component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#### POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-03 18:32:13

#: 4.4820 - 4.4820 GS: LT-P1 RC: None NANO: Unknown SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES:

## STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:13**

#: **4.1480 - 4.1480** GS: **NoGS** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Hardware**

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

SUBSTANCE NOTES:

## ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:14**

#: **0.7100 - 0.7100** GS: **LT-P1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Hardware**

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
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]

SUBSTANCE NOTES:

## POLY[IMINO(1,6-DIOXO-1,6- HEXANEDIYL)IMINO-1,6-HEXANEDIYL]

ID: 32131-17-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:14**

#: **0.6370 - 0.6370** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Hardware**

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

SUBSTANCE NOTES:

## TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:15**

#: **0.3300 - 0.3300** GS: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

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
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES:

**2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE**

ID: 25852-37-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:15**

%: **0.3210 - 0.3210** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES:

**CARBAMIC ACID, BUTYL-, 3-iodo-2-propynyl ester**

ID: 55406-53-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:17**

%: **0.1690 - 0.1690** GS: **BM-2** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Biocide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
MAM	EU - GHS (H-Statements)	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]

## SUBSTANCE NOTES:

**PROPICONAZOLE (ISO); (±)-1-[2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3-DIOXOLAN-2-YLMETHYL]-1H-1,2,4-TRIAZOLE**

ID: 60207-90-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:16**%: **0.1690 - 0.1690** GS: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Biocide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
DEV	EU - GHS (H-Statements)	H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
DEV	GHS - Australia	H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]

## SUBSTANCE NOTES:

**TEBUCONAZOLE (ISO); 1-(4-CHLOROPHENYL)-4,4-DIMETHYL-3-(1,2,4-TRIAZOL-1-YLMETHYL)PENTAN-3-OL**

ID: 107534-96-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:16**%: **0.1690 - 0.1690** GS: **LT-P1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Biocide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
DEV	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]

## SUBSTANCE NOTES:

**POLYPROPYLENE**

ID: 9003-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:17**%: **0.1630 - 0.1630** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Polymer species**

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

**LIMESTONE (CALCIUM CARBONATE)**

ID: 1317-65-3

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> HAZARD SCREENING DATE: <b>2021-09-03 18:32:18</b>		
%: <b>0.1600</b>	GS: <b>BM-3dg</b>	RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Impact modifier</b>
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

**BICYCLO[2.2.1]HEPT-2-ENE, 5-ETHYLIDENE-, POLYMER WITH ETHENE AND 1-PROPENE**

ID: 25038-36-2

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> HAZARD SCREENING DATE: <b>2021-09-03 18:32:18</b>		
%: <b>0.1330 - 0.1330</b>	GS: <b>LT-UNK</b>	RC: <b>None</b> NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Polymer species</b>
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

**PHENOL, POLYMER WITH FORMALDEHYDE**

ID: 9003-35-4

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> HAZARD SCREENING DATE: <b>2021-09-03 18:32:18</b>		
%: <b>0.1100 - 0.1100</b>	GS: <b>LT-P1</b>	RC: <b>None</b> NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Adhesive</b>
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SUBSTANCE NOTES:		

**IRON**

ID: 12597-68-1

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> HAZARD SCREENING DATE: <b>2021-09-03 18:32:19</b>		
%: <b>0.1070 - 0.1070</b>	GS: <b>NoGS</b>	RC: <b>None</b> NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Hardware</b>
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

**SILICONIZED NYLON (NYLON 6)**

ID: 63428-83-1

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> HAZARD SCREENING DATE: <b>2021-09-03 18:32:19</b>		
%: <b>0.0700</b>	GS: <b>NoGS</b>	RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Polymer species</b>

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

SUBSTANCE NOTES:

### TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:20**

%: **0.0500** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surface modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	IARC	Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES:

### POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:20**

%: **0.0400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES:

### POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:21**

%: **0.0400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES:

### POLYVINYL ACETATE

ID: 9003-20-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:21**

%: **0.0300** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

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

SUBSTANCE NOTES:

### DIISONONYL PHTHALATE (DINP-1, MIXTURE OF ISOMERS AS MANUFACTURED)

ID: 68515-48-0



HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-09-03 18:32:22</b>		
%: <b>0.0200</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Plasticizer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published		
END	ChemSec - SIN List	Endocrine Disruption		
REP	US EPA - PPT Chemical Action Plans	Reproductive effects		
CAN	CA EPA - Prop 65	Carcinogen		
DEV	US NIH - Reproductive & Developmental Monographs	Some Evidence of Adverse Effects - Developmental Toxicity		
SUBSTANCE NOTES:				

**POLYMETHYLENE POLYPHENYL ISOCYANATE (PMDI)**

ID: **9016-87-9**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-09-03 18:32:22</b>		
%: <b>0.0100</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Adhesive</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published		
RES	AOEC - Asthmagen	Asthmagen (G) - generally accepted		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization		
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage		
SUBSTANCE NOTES: Minor polymeric component				

**POLYURETHANE FOAMS (POLYURETHANE)**

ID: **9009-54-5**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-09-03 18:32:23</b>		
%: <b>0.0100</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Adhesive</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Minor polymeric component				

**POLYCARBONATE**

ID: **25037-45-0**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-09-03 18:32:23</b>		
%: <b>0.0100</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Polymer species</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

**SILICON DIOXIDE**

ID: 7631-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:23**%: **0.0100** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

**2-BUTANONE, 2,2',2''-(O,O',O''-(METHYLSILYLIDYNE)TRIOXIME)**

ID: 22984-54-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:24**%: **0.0040** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

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

SUBSTANCE NOTES: Component of sealant material

**POLYBUTENE**

ID: 9003-29-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:24**%: **0.0040** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

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

SUBSTANCE NOTES: Minor component of sealant material

**MELAMINE/FORMALDEHYDE RESIN**

ID: 9003-08-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:25**%: **0.0030** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surface modifier**

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

SUBSTANCE NOTES: Minor component of coating

**2-BUTANONE, 2,2',2''-(O,O',O''-(ETHENYLSILYLIDYNE)TRIOXIME)**

ID: 2224-33-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:25**%: **0.0030** GS: **BM-1tp** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

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

SUBSTANCE NOTES: Minor component of sealant material

**TRIMETHYLATED SILICA**

ID: 68988-56-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:26**%: **0.0030** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

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

SUBSTANCE NOTES: Minor component of sealant material

**PIGMENT BLUE 15**

ID: 147-14-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:26**%: **0.0020** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

**CARBON BLACK**

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:27**%: **0.0020** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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

SUBSTANCE NOTES:

**POLYPROPYLENE**

ID: 9003-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 18:32:27**%: **0.0020** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES:



## 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

### SCS Indoor Advantage Gold

CERTIFYING PARTY: Third Party	ISSUE DATE: 2021-01-01	EXPIRY DATE: 2021-12-31	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: All Andersen® Architectural, 100 Series, 200 Series, 400 Series, A-Series, E-Series, Renewal by Andersen®, and Weiland® windows.			
CERTIFICATE URL: <a href="https://aw930cdnprdcd.azureedge.net/-/media/aw/files/technical-docs/leed/scs-iaq-04785---windows---expires-20211231.pdf">https://aw930cdnprdcd.azureedge.net/-/media/aw/files/technical-docs/leed/scs-iaq-04785---windows---expires-20211231.pdf</a>			
CERTIFICATION AND COMPLIANCE NOTES:			

### SUSTAINABLE FORESTRY

### FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: Third Party	ISSUE DATE: 2021-03-17	EXPIRY DATE: 2023-02-10	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Andersen® Dubuque, IA E-Series facility			
CERTIFICATE URL: <a href="https://info.fsc.org/details.php?id=a0240000005sUavAAE&amp;type=certificate">https://info.fsc.org/details.php?id=a0240000005sUavAAE&amp;type=certificate</a>			
CERTIFICATION AND COMPLIANCE NOTES: Andersen® E-Series windows are available with FSC Mix Credit or FSC 100% certification.			

## 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

Andersen® offers a complete portfolio of windows and patio doors in addition to E-Series products.

**MANUFACTURER INFORMATION**

MANUFACTURER: **Andersen Corporation**  
 ADDRESS: **2045 Kerper Blvd**  
**Dubuque IA 52001, USA**  
 WEBSITE: **www.andersenwindows.com**

CONTACT NAME: **Jon Smieja**  
 TITLE: **Corporate Sustainability Manager**  
 PHONE: **(651) 264-4927**  
 EMAIL: **sustainability@andersencorp.com**

*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**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<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>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> 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.*