AEP Span Products with Painted Surface by ASC Profiles

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 28669
CLASSIFICATION: 07 60 00 Flashing and Sheet Metal
PRODUCT DESCRIPTION: Painted AEP Span Profiles. AEP Span manufactures roof and siding profiles using roll forming, press break and folder operations. The manufacturing process forms coiled steel into various product shapes but does not alter the material ingredient composition of the product. As a result the underlying substrate determines the contents of the product subject to screening. This HPD covers the assessment of the following AEP Span Products: 22-¾", 30-3/16", 37", 37-1/2", 42-15/16", 46", 48", 48-3/8" Flat Sheets in 18-29 gauge, Box Rib™/Reversed Box Rib in 18-29 gauge, Design Span® hp 12", 16", 17", 18" in 22-26 gauge, Flex Series in 20-24 gauge, Flush Panel in 20-26 gauge, HR-36® /Reverse HR-36 in 18-29 gauge, Narrow Batten Select Seam® in 22-24 gauge, Wide Batten Select Seam® in 22-24 gauge, Nu-Wave® Corrugated in 18-29 gauge, Mini-V-Beam™ in 18-26 gauge, Prestige Series® in 18-24 gauge, Perception Collection® in 20-24 gauge, Select Seam® in 18-24 gauge, Span-Lok™ / SpanLok hp in 22-24 gauge, SpanSeam™ in 18-24 gauge, PBR in 22-26ga, U-Panel in 20-29 gauge, C 1.4-32 (CF 1 3/8") in 18-26 gauge, CP-32 in 18-26 gauge, and 41- 9/16" Standard Perforated 33% in 26ga.

Section 1: Summary

Basic 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
- ○ Other

Residuals/Impurities
- ○ Considered
- ○ Partially Considered
- ◉ Not Considered

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

AEP SPAN PRODUCTS WITH PAINTED SURFACE [BASE METAL NoGS STRONTIUM CHROMATE LT-1 | CAN | SKI | MUL | RES | DEV | REP | GEN | AQU C.I. PIGMENT BROWN 24 BM-1 HEMATITE, CHROMIUM GREEN BLACK LT-UNK C.I. PIGMENT BLUE 28 LT-1 | RES | CAN | GEN C.I. PIGMENT BLUE 36 LT-1 | RES | CAN | GEN C.I. PIGMENT YELLOW 53 LT-1 | CAN | RES TIN TITANIUM ZINC OXIDE LT-UNK SILICA GEL LT-UNK RUTILE (TIO2) LT-1 | CAN SILICA SAND BM-1 | CAN SILICA GEL LT-UNK CLAY LT-UNK | CAN SEBAZINSΣURE, BIS(2,2,6,6-TETRAMETHYL-PIPERIDINYL)-ESTER, REAKTIONSPRODUKT MIT 1,1-DIMETHYLETHYLHYDROPEROXID UND OKTAN LT-UNK ALUMINUM HYDROXIDE BM-2 | RES ALKENES, C$<G10 α-, POLYMD. LT-UNK CARNAUBA WAX NoGS MICA LT-UNK IRON OXIDE BM-1 | CAN CHROMIUM OXIDE (CR2O3) BM-1 | SKI | RES C.I. PIGMENT GREEN 50 LT-1 | RES | CAN | GEN POLYESTER RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) NoGS POLYESTER RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) NoGS POLYESTER (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) NoGS ACRYLIC RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) NoGS CHROMIUM IRON OXIDE LT-P1 | SKI | RES ACRYLIC RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) NoGS ETHENE, 1,1-DIFLUORO-, HOMOPOLYMER LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END METAL COATING NoGS 1-PROPENE, 2-METHYL-, HOMOPOLYMER LT-UNK CALCIUM CARBONATE BM-3]

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:

Polymer and Metal Alloy Special Conditions Utilized.

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: N/A

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- (•) Yes
- ( ) No

PREPARER: Self-Prepared
VERIFIER: WAP Sustainability Consulting
VERIFICATION #: zPr-14882

SCREENING DATE: 2022-05-18
PUBLISHED DATE: 2022-06-09
EXPIRY DATE: 2025-05-18

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

AEP SPAN PRODUCTS WITH PAINTED SURFACE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on direct testing conducted by steel suppliers via atomic absorption. Per best practice guidelines residuals and impurities above the reporting threshold of 100ppm with a GS score of BM-1, LT-1, LT-P1 or NoGS have been reported in the content inventory.

OTHER PRODUCT NOTES:

BASE METAL

ID: Not Registered

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library**

HAZARD SCREENING DATE: **2022-05-18 12:10:33**

%: **90.0000 - 95.0000**

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: Steel alloy AISI 1006/1010/1015/1016/1018/1022

STRONTIUM CHROMATE

ID: 7789-06-2

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

HAZARD SCREENING DATE: **2022-05-18 12:17:44**

%: **0.0000 - 0.1000**

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	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
DEV	CA EPA - Prop 65	Developmental toxicity
CAN	EU - SVHC Authorisation List	Carcinogenic - Candidate list
CAN	EU - SVHC Authorisation List	Carcinogenic - Banned unless Authorised
REP	CA EPA - Prop 65	Reproductive Toxicity - Female
REP	CA EPA - Prop 65	Reproductive Toxicity - Male
GEN	MAK	Germ Cell Mutagen 2
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Korea	H350 - May cause cancer [Carcinogenicity - Category 1]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1

SUBSTANCE NOTES: This substance is utilized to provide corrosion resistance to the product and is contained in the primer which is then encapsulated beneath the color and top coat, greatly reducing the exposure potential for end users.

C.I. PIGMENT BROWN 24 ID: **68186-90-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:06**

%: **0.0000 - 0.1000** GS: **BM-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

HEMATITE, CHROMIUM GREEN BLACK

ID: 68909-79-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:05**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

C.I. PIGMENT BLUE 28

ID: 1345-16-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:05**

%: **0.0000 - 0.1000** GS: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a

SUBSTANCE NOTES:

C.I. PIGMENT BLUE 36

ID: 68187-11-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:31**

%: **0.0000 - 0.1000** GS: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a

SUBSTANCE NOTES:

C.I. PIGMENT YELLOW 53

ID: 8007-18-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:38**

%: **0.0000 - 0.1000** GS: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

TIN TITANIUM ZINC OXIDE

ID: 923954-49-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:42**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

SILICA GEL

ID: 63231-67-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:18:04**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

RUTILE (TIO2)

ID: 1317-80-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:06**

%: **0.0000 - 0.1000** 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

SUBSTANCE NOTES:

SILICA SAND

ID: 7631-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:25**

%: **0.0000 - 0.1000** GS: **BM-1** RC: **None** NANO: **Unknown** 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:

SILICA GEL ID: **112926-00-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:18:07**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

CLAY ID: **1332-58-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:49**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

SEBAZINSΣURE, BIS(2,2,6,6-TETRAMETHYL-PIPERIDINYL)-ESTER, REAKTIONSPRODUKT MIT 1,1-DIMETHYLETHYLHYDROPEROXID UND OKTAN ID: **129757-67-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:51**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

ALUMINUM HYDROXIDE ID: **21645-51-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:54**

%: **0.0000 - 0.1000** GS: **BM-2** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

ALKENES, C$<G10 α-, POLYMD. ID: **68527-08-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:18:10**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Processing regulator**

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

SUBSTANCE NOTES:

CARNAUBA WAX

ID: **8015-86-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:57**

%: **0.0000 - 0.1000** GS: **NoGS** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Processing regulator**

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

SUBSTANCE NOTES:

MICA

ID: **12001-26-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:07**

%: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

IRON OXIDE

ID: **1309-37-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:08**

%: **0.0000 - 0.1000** GS: **BM-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

CHROMIUM OXIDE (CR2O3)

ID: **1308-38-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:12**

%: **0.0000 - 0.1000** GS: **BM-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

C.I. PIGMENT GREEN 50

ID: **68186-85-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:13**

%: **0.0000 - 0.1000** GS: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a

SUBSTANCE NOTES:

POLYESTER RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) ID: **Not Registered**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2022-05-18 12:10:45**

%: **0.0000 - 1.0000** GS: **NoGS** 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: [Polymer SC] All residuals, unreacted monomers, and intentionally added functional additives associated with this polymer that are present above the selected reporting threshold have been reported elsewhere on this HPD. Hazard screening data sourced from OSHA and/or EU compliance CLP or SDS, as allowed by HPDC Special Conditions policy for polymers.

POLYESTER RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) ID: **Not Registered**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2022-05-18 12:10:44**

%: **0.0000 - 1.0000** GS: **NoGS** 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: [Polymer SC] All residuals, unreacted monomers, and intentionally added functional additives associated with this polymer that are present above the selected reporting threshold have been reported elsewhere on this HPD. Hazard screening data sourced from OSHA and/or EU compliance CLP or SDS, as allowed by HPDC Special Conditions policy for polymers.

POLYESTER (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) ID: **Not Registered**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2022-05-18 12:10:43**

%: **0.0000 - 1.0000** GS: **NoGS** 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: [Polymer SC] All residuals, unreacted monomers, and intentionally added functional additives associated with this polymer that are present above the selected reporting threshold have been reported elsewhere on this HPD. Hazard screening data sourced from OSHA and/or EU compliance CLP or SDS, as allowed by HPDC Special Conditions policy for polymers.

ACRYLIC RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) ID: **Not Registered**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2022-05-18 12:10:42**

%: **0.0000 - 1.0000** GS: **NoGS** 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: [Polymer SC] All residuals, unreacted monomers, and intentionally added functional additives associated with this polymer that are present above the selected reporting threshold have been reported elsewhere on this HPD. Hazard screening data sourced from OSHA and/or EU compliance CLP or SDS, as allowed by HPDC Special Conditions policy for polymers.

CHROMIUM IRON OXIDE ID: **12737-27-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:13**

%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

ACRYLIC RESIN (CROSSLINKED THERMOSET, >10,000 DA, <1% IS <500 DA) ID: **Not Registered**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2022-05-18 12:10:40**

%: **0.0000 - 1.0000** GS: **NoGS** 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: [Polymer SC] All residuals, unreacted monomers, and intentionally added functional additives associated with this polymer that are present above the selected reporting threshold have been reported elsewhere on this HPD. Hazard screening data sourced from OSHA and/or EU compliance CLP or SDS, as allowed by HPDC Special Conditions policy for polymers.

ETHENE, 1,1-DIFLUORO-, HOMOPOLYMER ID: **24937-79-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:14**

%: **0.0000 - 5.0000** 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:

TITANIUM DIOXIDE ID: **13463-67-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:15**

%: **0.0000 - 5.0000** 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) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES:

METAL COATING

ID: **Not Registered**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2022-05-18 12:10:36**

%: **0.0000 - 10.0000** GS: **NoGS** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Coating**

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

SUBSTANCE NOTES: Metal alloy ASTM A792

1-PROPENE, 2-METHYL-, HOMOPOLYMER

ID: **9003-27-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:15**

%: **0.0000 - 5.0000** 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:

CALCIUM CARBONATE

ID: **471-34-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-18 12:17:16**

%: **0.0000 - 5.0000** GS: **BM-3** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

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 **N/A**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: All
CERTIFICATE URL:

ISSUE DATE: 2022-05-18

EXPIRY DATE:

CERTIFIER OR LAB: N/A

CERTIFICATION AND COMPLIANCE NOTES: No CDPH Standard Method v1.2 emissions scenario for exterior products.

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.

MISC ACCESSORIES OR FASTENERS HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
A wide variety of fastener and accessory products can be used in conjunction with this product. These are not manufactured by AEP Span and will depend on the preferences of the field installer.

ACRYL-R SM5430 ROOF SEALANT HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
In-line sealant can be applied to some panel profiles. This is a third party manufactured product by ITW Polymers (ACRYL-R SM5430 Roof Sealant). Product mass is approximately 0.059lb per ft when used. This results in a product weight contribution of between 3% to 10%.

Section 5: General Notes

Substance percent ranges are provided to account for the different steel thicknesses and possible color options sold.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **ASC Profiles**
ADDRESS: **2110 Enterprise Blvd**
West Sacramento CA 95691, USA
WEBSITE: **www.aepspan.com**

CONTACT NAME: **Michelle Vondran**
TITLE: **Technical Manager**
PHONE: **909-484-4623**
EMAIL: **michelle.vondran@bluescope.us**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.