Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

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

Residuals/Impurities
- Considered in 0 of 6 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 | STEEL (STEEL) NoGS | POLYURETHANE | POLYURETHANE (POLYURETHANE) Lt-UNK | ZINC (ZINC) Lt-P1 | AQU | MUL | END |
PHY | TITANIUM DIOXIDE (TITANIUM DIOXIDE (TITANIUM DIOXIDE) Lt-1 | CAN | END | POLYVINYLIDENE FLUORIDE (1, 1-DIFLUOROETHENE) (POLYVINYLIDENE FLUORIDE (1,1-DIFLUOROETHENE HOMOPOLYMER)) Lt-UNK POLYESTER POLYESTER (POLYESTER) NoGS |

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

No pre-checks completed or disclosed

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-12-26
PUBLISHED DATE: 2018-01-25
EXPIRY DATE: 2020-12-26
### 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

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### STEEL

<table>
<thead>
<tr>
<th>%: 57.5000 - 82.5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPD URL:</td>
</tr>
</tbody>
</table>

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** No  
**RESIDUALS AND IMPURITIES NOTES:** There are no known residuals or impurities and there are none listed on their MSDS.

**OTHER MATERIAL NOTES:** Galvalume Sheet - Carbon Steel is not hazardous according to the criteria specified in REACH [Regulation (EC) No 1907/2006] and CLP [Regulation (EC) No 1272/2008]. Under 29 CFR 1910.1200 Hazard Communication Standard, steel products are considered mixtures due to further processing which may produce dusts or fume. The categories of Health Hazards are defined in "Globally harmonized system of classification and labelling of chemicals (GHS), Third revised edition ST/SG/AC.10/30/Rev.3" United Nations, New York and Geneva, 2009 have been evaluated. Refer to Section 3, 8 and 11 for additional information. Precautionary Statement/Emergency Overview: This formed solid metal product poses little or no immediate health or fire hazard. When product is subjected to welding, burning, melting, sawing, brazing, grinding or other similar processes, potentially hazardous airborne particulate and fumes may be generated.

<table>
<thead>
<tr>
<th>STEEL (STEEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 57.5000 - 82.5000</td>
</tr>
<tr>
<td>GS: NoGS</td>
</tr>
<tr>
<td>RC: Both</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Protective barrier of galvanized steel coil</td>
</tr>
</tbody>
</table>

---

### POLYURETHANE

<table>
<thead>
<tr>
<th>%: 17.0000 - 42.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPD URL:</td>
</tr>
</tbody>
</table>

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** No  
**RESIDUALS AND IMPURITIES NOTES:** There are no known residuals or impurities and there are none listed on their MSDS.

**OTHER MATERIAL NOTES:** The variability in polyurethane foam content is due to the variation in panel core thickness (anywhere from 2-to 6-inches). Thickness is determined by application needs.

<table>
<thead>
<tr>
<th>POLYURETHANE (POLYURETHANE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.9000 - 1.5000</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Purchased ashesive</td>
</tr>
</tbody>
</table>

---

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### ZINC

**PRODUCT THRESHOLD:** 1000 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** There are no known residuals or impurities and there are none listed on their MSDS.

**OTHER MATERIAL NOTES:**

<table>
<thead>
<tr>
<th>%: 0.1000 - 0.3000</th>
<th>GB: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Galvantization of steel coil</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARDS:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - R-phrases</td>
<td></td>
<td></td>
<td>R50 - Very Toxic to Aquatic Organisms</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td></td>
<td></td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td></td>
<td></td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td></td>
<td></td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td></td>
<td></td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
<td></td>
<td></td>
<td>H250 - Catches fire spontaneously if exposed to air</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
<td></td>
<td></td>
<td>H260 - In contact with water releases flammable gases which may ignite spontaneously</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

### TITANIUM DIOXIDE

**PRODUCT THRESHOLD:** 1000 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** There are no known residuals or impurities and there are none listed on their MSDS.

**OTHER MATERIAL NOTES:**

<table>
<thead>
<tr>
<th>%: 0.0900 - 0.1600</th>
<th>GB: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Coil pre-coat component (pigment)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARDS:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td></td>
<td></td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td></td>
<td></td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td></td>
<td></td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td></td>
<td></td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td></td>
<td></td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not</td>
</tr>
</tbody>
</table>
### POLYVINYLIDENE FLUORIDE (1, 1-DIFLUOROETHENE)

**%:** 0.0000 - 0.2300

**PRODUCT THRESHOLD:** 1000 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** There are no known residuals or impurities and there are none listed on their MSDS.

**OTHER MATERIAL NOTES:**

#### POLYVINYLIDENE FLUORIDE (1,1-DIFLUOROETHENE HOMOPOLYMER)

**ID:** 24937-79-9

**%:** 0.0000 - 0.0800

**GS:** LT-UNK

**RC:** None

**NANO:** No

**ROLE:** Coil pre-coat component (binder)

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

### POLYESTER

**%:** 0.0000 - 0.1600

**PRODUCT THRESHOLD:** 1000 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** There are no known residuals or impurities and there are none listed on their MSDS.

**OTHER MATERIAL NOTES:**

#### POLYESTER (POLYESTER)

**ID:** 113669-95-7

**%:** 0.0000 - 0.0600

**GS:** NoGS

**RC:** None

**NANO:** No

**ROLE:** Coil pre-coat component (binder)

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority 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

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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

n/a

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Metl-Span
ADDRESS: 1720 Lakepointe Dr
Suite 101
Lewisville Texas 75057, USA
WEBSITE: www.metlspan.com

CONTACT NAME: Amanda Storer
TITLE: Marketing Brand Manager
PHONE: 972.221.6656
EMAIL: ajstorer@metlspan.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AOU Aquatic toxicity
CANCER Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
OZO Ozone depletion
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity

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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.