SAFETY DATA SHEET

1. Identification

Product identifier
USG® Metal System Ceiling Panels and Trim (Aluminum)

SDS number
43601003001

Additional Products
Paraline® Linear Specialty Ceiling Panels, Paraline Plus™ Linear Specialty Ceiling Beams (Aluminum), Celebration™ Specialty Metal Ceiling Panels, Curvatura™ 3-D Ceiling System Panels, Libretto™ Gridless Metal Ceiling System Panels, Panz® Metal Specialty Ceiling Panels (Aluminum, incl. trim), Pixels® Metal Ceiling Panels, Compāsso™ (Standard or Elite) Suspension Trim (Aluminum), Celebration Torsion Spring F-Mold, Geometrix™ 3D Metal Ceiling Panels, Celebration™ Canopies

Synonyms
Ceiling Grid, Specialty Ceiling Grid, Ceiling Grid Trim

Recommended use
Interior use.

Recommended restrictions
Use in accordance with manufacturer's recommendations.

Manufacturer / Importer / Supplier / Distributor information

Company name
USG Interiors, LLC

Address
550 West Adams Street, Chicago, Illinois 60661-3637

Telephone
1-800-874-4968

Website
www.usg.com

Emergency phone number
1-800-507-8899

2. Hazard(s) identification

Physical hazards
Not classified.

Health hazards
Not classified.

Environmental hazards
Not classified.

OSHA defined hazards
Not classified.

Label elements

Hazard symbol
None.

Signal word
None.

Hazard statement
None.

Precautionary statement

Prevention
Observe good industrial hygiene practices.

Response
Get medical attention/advice if you feel unwell.

Storage
Store as indicated in Section 7.

Disposal
Dispose of in accordance with local, state, and federal regulations.

Hazard(s) not otherwise classified (HNOC)
None known.

Supplemental information

Aluminum products as sold do not present an inhalation, ingestion, or skin hazard. However, individual customer processes, (such as welding, sawing, brazing, grinding, abrasive blasting, and machining) may result in the formation of fumes, dust (combustible or otherwise), and/or particulate that may present a variety of health hazards. Molten aluminum is also hazardous.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>&gt; 95</td>
</tr>
<tr>
<td>Manganese</td>
<td>7439-96-5</td>
<td>≤ 1.5</td>
</tr>
</tbody>
</table>

Composition comments
This product is composed of an aluminum alloy which contains up to 1.5% manganese. The following list identifies additional elements which may exist in aluminum or which may comprise compounds present in aluminum: copper, iron, silicon, zinc.

4. First-aid measures

Inhalation
Due to the physical nature of this product, inhalation is unlikely. There are no known health effects due to inhalation.
Skin contact
Edges and notches (where present) may be sharp and can cut skin. Cuts or abrasions should be treated promptly with thorough cleansing of the affected area. Seek medical attention for severe cuts or abrasions.

Eye contact
Sharp edges and notches (where present) may cause cuts and irritation. If eye is cut or otherwise damaged, seek medical attention.

Ingestion
Due to the physical nature of this product, ingestion is unlikely. There are no known health effects due to ingestion.

Most important symptoms/effects, acute and delayed
Under normal conditions of intended use, this material does not pose a risk to health.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved.

5. Fire-fighting measures

Suitable extinguishing media
Use Class D extinguishing agents on fines, chips, dust, or molten metal.

Unsuitable extinguishing media
DO NOT use halogenated extinguishing agents on fines, chips, or dust. DO NOT use water for fires involving molten metal. These fire extinguishing agents will react with burning metal.

Specific hazards arising from the chemical
Not a fire hazard.

Special protective equipment and precautions for firefighters
Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods
This product is non-combustible in bulk form. For fires involving fines, chips, dust, or molten aluminum use Class D extinguishing agents. DO NOT use water or other liquids, or halogenated extinguishing agents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up
No specific clean-up procedure noted. For waste disposal, see Section 13 of the SDS.

Environmental precautions
None.

7. Handling and storage

Precautions for safe handling
Edges and notches (where present) may be sharp and can cut skin. Unload from package with caution and handle carefully. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Falling pieces can pose an injury hazard. Do not store open boxes or individual pieces above chest level. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
Ventilation is not normally required.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear approved safety goggles.

Skin protection
Hand protection
It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Other
Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection
Not necessary under normal conditions.

Thermal hazards
None.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practices.

9. Physical and chemical properties

Appearance
Physical state
Solid.
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Metal tees</td>
</tr>
<tr>
<td>Color</td>
<td>Various</td>
</tr>
<tr>
<td>Odor</td>
<td>Low to no odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>1200 °F (648.89 °C) (base metal (aluminum))</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td></td>
</tr>
<tr>
<td>Flammability limit - lower (%)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability limit - upper (%)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive limit - lower (%)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive limit - upper (%)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative density</td>
<td>2.7 (H₂O = 1)</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Not soluble in water.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Other information</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>170 lb/ft³</td>
</tr>
<tr>
<td>VOC (Weight %)</td>
<td>0 %</td>
</tr>
</tbody>
</table>

## 10. Stability and reactivity

### Reactivity
Not available.

### Chemical stability
Material is stable under normal conditions.

### Possibility of hazardous reactions
Hazardous polymerization does not occur.

### Conditions to avoid
Contact with incompatible materials.

### Incompatible materials
Strong oxidizing agents.

### Hazardous decomposition products
No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

#### Ingestion
Not likely, due to the form of the product.

#### Inhalation
Not likely, due to the form of the product.

#### Skin contact
Edges and notches (where present) may be sharp and can cut skin. Under normal conditions of intended use, this product does not pose a skin hazard.

#### Eye contact
Contact with sharp edges and notches (where present) may cut the eye and cause eye damage.

### Symptoms related to the physical, chemical and toxicological characteristics
Sharp edges and notches (where present) may cause cuts and irritation.

### Information on toxicological effects

#### Acute toxicity
None.

#### Skin corrosion/irritation
Edges and notches (where present) may be sharp and can cut skin.

#### Serious eye damage/eye irritation
Contact with sharp edges and notches (where present) may cut the eye and cause eye damage.
12. Ecological information

Respiratory or skin sensitization
  Respiratory sensitization  No data available.
  Skin sensitization  This product is not expected to cause skin sensitization.
Germ cell mutagenicity  Not expected to be mutagenic.
Carcinogenicity  Not expected.
Reproductive toxicity  Not expected to be a reproductive hazard.
Specific target organ toxicity -
  single exposure  No data available, but none expected.
Specific target organ toxicity -
  repeated exposure  No data available, but none expected.
Aspiration hazard  Due to the physical form of the product it is not an aspiration hazard.
Further information  No other specific acute or chronic health impact noted.

13. Disposal considerations

Disposal instructions  The metals contained in this product are recyclable. Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations  Dispose of in accordance with local regulations.
Hazardous waste code  Not regulated.
Waste from residues / unused products  Dispose of in accordance with local regulations.
Contaminated packaging  Dispose of in accordance with local regulations.

14. Transport information

DOT  Not regulated as dangerous goods.
IATA  Not regulated as dangerous goods.
IMDG  Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  Not applicable.

15. Regulatory information

US federal regulations
  TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)  Not regulated.
  CERCLA Hazardous Substance List (40 CFR 302.4)  Manganese (CAS 7439-96-5) LISTED
Superfund Amendments and Reauthorization Act of 1986 (SARA)  Immediate Hazard - No
  Delayed Hazard - No
  Fire Hazard - No
  Pressure Hazard - No
  Reactivity Hazard - No
SARA 302 Extremely hazardous substance  Not listed.
SARA 311/312 Hazardous chemical  No
SARA 313 (TRI reporting)

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Other federal regulations

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
  - Manganese (CAS 7439-96-5)

- **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
  - Not regulated.

- **Safe Drinking Water Act (SDWA)**
  - Not regulated.

US state regulations

- **US. Massachusetts RTK - Substance List**
  - Aluminum (CAS 7429-90-5)
  - Manganese (CAS 7439-96-5)

- **US. New Jersey Worker and Community Right-to-Know Act**
  - Aluminum (CAS 7429-90-5)
  - Manganese (CAS 7439-96-5)

- **US. Pennsylvania Worker and Community Right-to-Know Law**
  - Aluminum (CAS 7429-90-5)
  - Manganese (CAS 7439-96-5)

- **US. Rhode Island RTK**
  - Aluminum (CAS 7429-90-5)
  - Manganese (CAS 7439-96-5)

- **US. California Proposition 65**
  - Not listed.

**International Inventories**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

- **Issue date**: 07-December-2016
- **Revision date**: -
- **Version #**: 01

**Further information**

NFPA Ratings:

- Health: 0
- Flammability: 0
- Physical hazard: 0
- Hazard Scale: 0 = Minimal  1 = Slight  2 = Moderate  3 = Serious  4 = Severe

NFPA Ratings

**List of abbreviations**


**Disclaimer**

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.