Safety Data Sheet

Section 1: Identification

Product identifier
Product Name • Panorama & Vinyl Fence and Rail - CT10182
Synonyms • Composite Railing: Panorama; Vinyl Decking; Vinyl Fence: Bufftech and CertainTeed Selects; Vinyl Railing: Kingston and Oxford

Relevant identified uses of the substance or mixture and uses advised against
Recommended use • Consult manufacturer for the recommended product use

Details of the supplier of the safety data sheet
Manufacturer • CertainTeed Siding Products Group
20 Moores Road
Malvern, PA 19355
United States

Telephone (General) • 610-893-6000

Emergency telephone number
Manufacturer • 1-800-424-9300 - CHEMTREC - US/Canada
Manufacturer • +01 703-527-3887 - CHEMTREC - International

Section 2: Hazard Identification

United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture
OSHA HCS 2012 • Not classified

Label elements
OSHA HCS 2012
Hazard statements • No label elements(s) required

Other hazards
OSHA HCS 2012 • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard) this product is exempt as an article under stated normal conditions of use.

Section 3 - Composition/Information on Ingredients

Substances

• Material does not meet the criteria of a substance.
Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyvinyl chloride polymer</td>
<td>NDA</td>
<td>98% TO 100%</td>
</tr>
<tr>
<td>Antioxidant/Stabilizer</td>
<td>NDA</td>
<td>0.1% TO 1%</td>
</tr>
<tr>
<td>Colorant</td>
<td>NDA</td>
<td>&lt; 1%</td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures

Inhalation • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.

Eye • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.

Ingestion • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If swallowed, DO NOT induce vomiting. Get medical attention.

Most important symptoms and effects, both acute and delayed • Under normal conditions of use, no health effects are expected.

Indication of any immediate medical attention and special treatment needed

Notes to Physician • No specific actions or treatments recommended related to exposure to this material.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • Water spray. Dry chemical. Carbon dioxide may be ineffective on larger fires due to lack of cooling capacity which may result in reignition.

Unsuitable Extinguishing Media • No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Toxic or irritating vapors, including hydrogen chloride, carbon dioxide, carbon monoxide, small amounts of aliphatic hydrocarbons, aldehydes and other organic acids may be generated when the product is subject to heating or in a fire situation.

Hazardous Combustion Products • No data available

Advice for firefighters • Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters’ protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Personal Precautions

- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

Emergency Procedures

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

Environmental precautions

- No special precautions necessary.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Carefully shovel or sweep up spilled material and place in suitable container. This product should not be burned as construction waste.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use good safety and industrial hygiene practices. Do not use in applications where heavy structural loads must be supported or bracing is required, or directly adjacent to any high heat applications. Do not burn in fireplace. Wash hands after handling.

Conditions for safe storage, including any incompatibilities

Storage

- No specific storage procedures required.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- No applicable exposure limits available for product or components.

Exposure controls

Engineering Measures/Controls

- No special ventilation systems are required under normal conditions of use.

Personal Protective Equipment

Respiratory

- Under normal conditions of use no special protection is required.

Eye/Face

- Safety glasses with side shields should be worn at a minimum when cutting product.

Hands

- Wear leather or cotton gloves when handling large pieces and during operations such as sawing, routing or drilling.

Skin/Body

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

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Appearance/Description</th>
<th>Various colors of vinyl siding products with a negligible odor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Solid</td>
<td>Odor</td>
</tr>
<tr>
<td>Color</td>
<td>Various</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not relevant</td>
<td>Melting Point/Freezing Point</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>pH</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>1.3 to 1.5 Water=1</td>
<td>Water Solubility</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Volatility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not relevant</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not relevant</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flammability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
</tr>
<tr>
<td>LEL</td>
</tr>
<tr>
<td>UEL</td>
</tr>
<tr>
<td>Autoignition</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
</tr>
</tbody>
</table>

## Section 10: Stability and Reactivity

### Reactivity
- No dangerous reaction known under conditions of normal use.

### Chemical stability
- Stable under normal temperatures and pressures.

### Possibility of hazardous reactions
- Hazardous polymerization will not occur.

### Conditions to avoid
- Keep away from heat, sparks, and flame.

### Incompatible materials
- None

### Hazardous decomposition products
- No data available

## Section 11 - Toxicological Information

### Information on toxicological effects

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
</tbody>
</table>

### Potential Health Effects
Inhalation  
   **Acute (Immediate)**  
   - Under normal conditions of use, no health effects are expected.
   
   **Chronic (Delayed)**  
   - No data available

**Skin**

   **Acute (Immediate)**  
   - Under normal conditions of use, no health effects are expected.
   
   **Chronic (Delayed)**  
   - No data available

**Eye**

   **Acute (Immediate)**  
   - If product is cut, particles may be generated which could cause mechanical irritation to the eyes.
   
   **Chronic (Delayed)**  
   - No data available

**Ingestion**

   **Acute (Immediate)**  
   - Under normal conditions of use, no health effects are expected.
   
   **Chronic (Delayed)**  
   - No data available

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**Section 12 - Ecological Information**

**Toxicity**

- No information available for the product.

**Persistence and degradability**

- No information available for the product.

**Bioaccumulative potential**

- No information available for the product.

**Mobility in Soil**

- No information available for the product.

**Other adverse effects**

- No information available for the product.

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**Section 13 - Disposal Considerations**

**Waste treatment methods**

**Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

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**Section 14 - Transport Information**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>NDA</td>
<td>Not regulated</td>
<td>NDA</td>
<td>NDA</td>
</tr>
</tbody>
</table>

**Special precautions for user**

- No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- No data available
Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications  • None

United States

Labor
U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals
Not Listed
U.S. - OSHA - Specifically Regulated Chemicals
Not Listed

Environment
U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
Not Listed
U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities
Not Listed
U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities
Not Listed
U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs
Not Listed
U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
Not Listed
U.S. - CERCLA/SARA - Section 313 - Emission Reporting
Not Listed
U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing
Not Listed

United States - California

Environment
U.S. - California - Proposition 65 - Carcinogens List
Not Listed
U.S. - California - Proposition 65 - Developmental Toxicity
Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)
Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)
Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female
Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male
Not Listed

United States - Pennsylvania

Labor
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Not Listed
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
Not Listed

Section 16 - Other Information

Revision Date  • 08/July/2016
Preparation Date  • 15/August/1998
Disclaimer/Statement of Liability  • Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to
determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.

Key to abbreviations
NDA = No Data Available