

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name • **CertainTeed Polyethylene Fence Panels and Posts CT10110-0**

Synonyms • Simtek, EcoStone, Ashland, Allegheny, Sherwood, CertainTeed Molded Fence

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 element(s) required

Other hazards

OSHA HCS 2012 • Under United States Regulations (29 CFR 1910.1200(c) - Hazard Communication Standard), the product(s) listed above are exempt as article(s) under stated normal conditions of use.

Other information

• As an article this material does not legally require an SDS.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
Polyethylene Compound	NDA	65% TO 100%
Antioxidant/Stabilizer	NDA	0.1% TO 1%
Steel	NDA	0% TO 35%
Colorant	NDA	< 5%

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 • In case of fire use media as appropriate for surrounding fire.

Unsuitable Extinguishing Media • No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • None expected.

Hazardous Combustion Products • The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning, of the polymer.

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**
- Pick up large pieces.
Sweep or vacuum any dust or small pieces.

Section 7 - Handling and Storage

Precautions for safe handling

- Handling**
- Use good safety and industrial hygiene practices. Wash hands after handling.

Conditions for safe storage, including any incompatibilities

- Storage**
- Material should be kept dry, and protected from the elements.

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.
- Skin/Body**
- Wear leather or other appropriate work gloves, as necessary. 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

Material Description			
Physical Form	Solid	Appearance/Description	Plastic fence panel/post no odor.
Color	No data available	Odor	None
Odor Threshold	No data available		
General Properties			
Boiling Point	Not relevant	Melting Point/Freezing Point	248 to 338 °F(120 to 170 °C)
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	Not relevant	Water Solubility	Insoluble
Viscosity	No data available		
Volatility			

Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	No data available		
Flammability			
Flash Point	660 °F(348.8889 °C)	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

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

- None specified.

Incompatible materials

- None specified.

Hazardous decomposition products

- The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning, of the polymer.

Section 11 - Toxicological Information

Information on toxicological effects

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

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

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.

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.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

Special precautions for user • None specified.

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

Key to abbreviations

NDA= No Data Available

Section 16 - Other Information

- Revision Date** • 5/October/2018
- Preparation Date** • 5/October/2018
- 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

