

# Material Safety Data Sheet

CertainTeed 

|                     |   |
|---------------------|---|
| HEALTH              | 0 |
| FLAMMABILITY        | 1 |
| PHYSICAL HAZARD     | 0 |
| PERSONAL PROTECTION |   |

MSDS Number: CT 10085-3  
DATE PREPARED: February 20, 2009

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product/Trade Name:** Restoration Millwork® Exterior Trim

**Chemical Name:** Not Applicable

**CAS #:** Not Applicable

**Common Name:** Cellular PVC Trim Formulation

**Product Use:** Restoration Millwork® is a Class 1 Fire Rated cellular PVC trim used in exterior applications.

### MANUFACTURER INFORMATION:

CertainTeed Corporation  
P.O. Box 860  
Valley Forge, PA 19482-0101

### TELEPHONE AND E-MAIL:

(610) 341-7000 9 AM – 5 PM  
(Eastern Time – USA)  
CertainTeed-EHS@saint-gobain.com

EMERGENCY TELEPHONE: CHEMTREC (800) 424-9300  
OUTSIDE OF THE U.S. CHEMTREC (703) 527-3887

## 2. HAZARD IDENTIFICATION

### Emergency Overview:

Under normal conditions of use, this product is not expected to create any unusual emergency hazards. Use methods suitable to fight surrounding fire. Contact with the eye may result in mechanical irritation characterized by itching or redness.

Due to product form, exposures to dusts and fumes are not expected to occur. If this product is cut with power cutting equipment (such as saws), dust generated may cause respiratory irritation, and congestion in extreme cases. Prolonged and excessive skin contact may result in slight irritation.

**Routes of Exposure:** Inhalation, skin, and eye contact.

### Potential Health Effects: Eyes

Particulates from this product may cause mechanical irritation of the eye from cutting, grinding or drilling of the product. Continued mechanical irritation of the eye could result in permanent corneal damage.

### Potential Health Effects: Skin

This product may produce skin abrasions. Mechanical rubbing may increase skin irritation.

### Potential Health Effects: Ingestion

Not a likely route of entry.

**Potential Health Effects: Inhalation**

Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

**Medical Conditions Aggravated by Exposure**

None expected.

**HMIS® Ratings: Health: 0 Fire: 1 Physical Hazard: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

*HMIS is a registered trademark of National Paint and Coatings Association*

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| CAS #         | Component   | Percent |
|---------------|---|---------|
| 9002-86-2     | PVC (Chloroethylene, polymer)   | 50-80   |
| Not Available | Proprietary Polymer   | 1-15    |
| Not Available | Titanium Dioxide  | 1-15    |
| Not Available | Limestone   | 1-15    |
| Not Available | Methyltin Mercaptide  | 0.5-5   |
| 27136-15-8    | 2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethenylbenzene | 0.5-5   |
| Not Available | Proprietary Lubricant   | 0.5-5   |
| 1592-23-0     | Calcium stearate  | 0.5-5   |
| 68441-17-8    | Ethene, homopolymer, oxidized   | 0.1-5   |
| Not Available | Chemical Blowing Agent*   | TRACE   |

**Component Information/Information on Non-Hazardous Components**

The product listed above is an “article” as defined by the OSHA Hazard Communication Standard at 29 CFR 1910.1200. The product’s end-use is dependent upon its manufactured shape and design, and under normal conditions of use, it does not release chemicals that present a physical or health hazard. These products do not contain any form of asbestos material.

This material is not a controlled product under Canadian WHMIS regulations.

\*Chemical Blowing Agent (CBA) decomposes during processing to form gases such as carbon dioxide, nitrogen and water vapor. The amount of solid CBA in the final product is expected to be minimal.

**4. FIRST AID MEASURES**

**First Aid: Eyes**

Do not rub or scratch your eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5-15 minutes. If irritation persists, contact a physician.

**First Aid: Skin**

Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.

**First Aid: Ingestion**

Product is not intended to be ingested or eaten. If the product is ingested, do not induce vomiting. Seek medical attention.

**First Aid: Inhalation**

Move person to non-contaminated air. Call a physician if symptoms develop or persist.

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**5. FIRE FIGHTING MEASURES****General Fire Hazards**

See Section 9 for Flammability Properties.

**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. These decomposition products may include carbon dioxide, carbon monoxide, carbon particles, hydrocarbons, chlorine, hydrogen, chloride, phosgene, and formaldehyde. This product should not be burned as construction waste.

**Extinguishing Media**

Use any media suitable for the surrounding fires. Water, spray, fog, carbon dioxide (CO<sub>2</sub>), dry chemical, foam.

**Fire Fighting Equipment/Instructions**

Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products. Do not release chemically contaminated water into drains, soil or surface water.

**NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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**6. ACCIDENTAL RELEASE MEASURES****Containment Procedures**

None necessary.

**Clean-Up Procedures**

Sweep up or gather material and place in appropriate container for disposal. This product should not be burned as construction waste..

**Evacuation Procedures & Special Procedures**

None necessary.

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**7. HANDLING AND STORAGE****Handling Procedures**

Customary personal hygiene measures, such as washing hands after working with these products are recommended.

**Storage Procedures**

Room temperature - normal conditions. Warehouse storage should be in accordance with package directions, if any. Material should be kept dry, and protected from the elements.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**A: Component Exposure Limits**

**Limestone (1317-65-3)**

ACGIH: Not Applicable  
 OSHA: 15 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable fraction)  
 NIOSH: 10 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable dust)

**Engineering Controls**

No special protective measures are necessary for use of this product. Under normal conditions of use, this product is not expected to release, or otherwise result in exposure to a hazardous chemical.

**PERSONAL PROTECTIVE EQUIPMENT**

**Personal Protective Equipment: General**

No special protective measures are necessary for use of this product. Under normal conditions of use, this product is not expected to release, or otherwise result in exposure to a hazardous chemical. Use good personal hygiene practices in handling this material.

**Personal Protective Equipment: Eyes/Face**

Safety glasses with side shields may be worn to reduce the risk of eye irritation and injury.

**Personal Protective Equipment: Skin**

Under normal conditions of use this product is not expected to cause skin irritation. To reduce the risk of skin irritation due to construction-related activities leather or other appropriate work gloves are recommended.

**Personal Protective Equipment: Respiratory**

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                  |  |                                  |                |
|----------------------------------|--|----------------------------------|----------------|
| <b>Appearance:</b>               | Rigid Foam PVC sized to various dimensions | <b>Odor:</b>                     | Negligible     |
| <b>Physical State:</b>           | Solid                                      | <b>pH:</b>                       | Not Applicable |
| <b>Vapor Pressure:</b>           | Not Applicable                             | <b>Vapor Density:</b>            | Not Applicable |
| <b>Boiling Point:</b>            | Not Applicable                             | <b>Melting Point:</b>            | Not Available  |
| <b>Solubility (H2O):</b>         | Not Applicable                             | <b>Specific Gravity:</b>         | Variable       |
| <b>Flash Point:</b>              | Not Available                              | <b>Flash Point Method:</b>       | Not Applicable |
| <b>Lower Flammability Limit:</b> | Not Available                              | <b>Upper Flammability Limit:</b> | Not Applicable |
| <b>Auto Ignition Temp.:</b>      | Not Available                              | <b>Burning Rate:</b>             | Not Available  |

**10. CHEMICAL STABILITY AND REACTIVITY INFORMATION**

**Chemical Stability**

Stable under normal conditions.

**Chemical Stability: Conditions to Avoid**

None identified.

**Incompatibility**

None identified.

**Hazardous Decomposition**

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. These decomposition products may include carbon dioxide, carbon monoxide, carbon particles, hydrocarbons, chlorine, hydrogen, chloride, phosgene, and formaldehyde.

**Possibility of Hazardous Reactions**

None expected.

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**11. TOXICOLOGICAL INFORMATION****Acute Dose Effects General Product Information**

No information available for the product.

**Repeated Dose Effects**

No chronic health effects are expected from the normal use of this product.

**Carcinogenicity General Product Information**

No information available for the product.

**Component Carcinogenicity PVC (Chloroethylene, polymer) (9002-86-2)**

IARC: Supplement 7, 1987; Monograph 19, 1979 (Group 3 (not classifiable))

**Limestone (Not Available)**

ACGIH: A2 - Suspected Human Carcinogen (related to Silica, crystalline, quartz) NIOSH: potential occupational carcinogen (related to Silica, crystalline)

IARC: Monograph 68, 1997 (Listed under Crystalline silica, inhaled in the form of quartz or cristobalite from occupational sources) (related to Silica, quartz) (Group 1 (carcinogenic to humans))

**Mutagenicity**

No information available for the product.

**Teratogenicity**

No information available for the product.

**Developmental Effects**

No information available for the product.

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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No ecotoxicity data are available for this product's components.

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**13. WASTE DISPOSAL CONSIDERATIONS****US EPA Waste Number & Descriptions****A: General Product Information**

This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the EPA.

**B: Component Waste Numbers**  
Not Applicable

**Disposal Instructions**

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. See Section 7 for Handling Procedures; see Section 8 for Personal Protective Equipment recommendations.

**14. TRANSPORTATION INFORMATION**

**US DOT Information Shipping Name:** This product is not classified a hazardous material for transport.

**TDG Information Shipping Name:** Not classified as a Dangerous Good for transportation.

**15. US FEDERAL REGULATIONS**

**A: General Product Information**

Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

**B: CERCLA**

None of the components of this product are listed under CERCLA (40 CFR 302.4) and present in the material at an amount exceeding the Reportable Quantity (RQ).

**Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No**

**State Regulations**

**A: General Product Information**

Other state regulations may apply. Check individual state requirements.

**B: Component Analysis - State**

The following components appear on one or more of the following state hazardous substances lists:

| Component  | CAS           | CA | MA               | MN               | NJ               | PA               | RI                |
|--|---------------|----|------------------|------------------|------------------|------------------|-------------------|
| Limestone ( <sup>1</sup> related to Quartz) ( <sup>2</sup> related to Silica-crystalline, quartz) ( <sup>3</sup> related to Silica, Quartz) ( <sup>°</sup> related to Quartz (SiO <sub>2</sub> ) ( <sup>°*</sup> related to Calcium carbonate) | Not Available | No | Yes <sup>1</sup> | Yes <sup>2</sup> | Yes <sup>3</sup> | Yes <sup>°</sup> | Yes <sup>°*</sup> |

**C: California Safe Drinking Water and Toxics Enforcement Act (Proposition 65)**

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

**WARNING!** This product contains a chemical known to the state of California to cause cancer.

**Canadian WHMIS Information**

**A: General Product Information**

This product is not a controlled product according to the Canadian Hazardous Products Act.

**B: Component Analysis - WHMIS IDL**

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

| Component | CAS #        | Minimum Concentration                       |
|-----------|--------------|---|
| Limestone | No Available | 1 % (related to Silica-crystalline, quartz) |

**Additional Regulatory Information**

**A: General Product Information**

No additional information available.

**B: Component Analysis - Inventory**

| Component   | CAS #      | TSCA | DSL | EINECS |
|---|------------|------|-----|--------|
| PVC (Chloroethylene, polymer)   | 9002-86-2  | Yes  | Yes | No     |
| 2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethenylbenzene | 27136-15-8 | Yes  | Yes | No     |
| Calcium stearate  | 1592-23-0  | Yes  | Yes | Yes    |
| Ethene, homopolymer, oxidized   | 68441-17-8 | Yes  | Yes | No     |

**16. ADDITIONAL COMMENTS**

**Other Information**

Disclaimer: 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 Material Safety Data Sheet before handling product.

**Acronyms/definitions used in this MSDS:**

- ACGIH American Conference of Governmental Industrial Hygienists;
- CAS No: Chemical Abstracts Services Number;
- CERCLA Comprehensive Environmental Response, Compensation and Liability Act;
- CFR Code of Federal Regulations;
- EPA Environmental Protection Agency;
- f/cc Fibers per cubic centimeter;
- g/cm<sup>3</sup> Grams per cubic centimeter;
- HMIS Hazardous Material Identification System;
- HSPP Health and Safety Partnership Program
- IARC International Agency for Research on Cancer;
- LC50 Lethal concentration that produces death in 50% of the test population;
- LD50 Lethal dose required to produce death in 50% of the test population;
- LFL Lower Flammable Limit;
- mg/m<sup>3</sup> Milligrams per cubic meter;

|       |  |
|-------|--|
| mppcf | Million particles per cubic foot;                      |
| NFPA  | National Fire Protection Association;                  |
| NIOSH | National Institute for Occupational Safety and Health; |
| NTP   | National Toxicology Program;                           |
| OSHA  | Occupational Safety and Health Administration;         |
| ppm   | Parts per million;                                     |
| PEL   | Permissible Exposure Limit;                            |
| PNOC  | Particulates Not Otherwise Classified;                 |
| REL   | Recommended Exposure Limit;                            |

**Acronyms/definitions used in this MSDS (continued):**

|           |   |
|-----------|---|
| SARA      | Superfund Amendments and Reauthorization Act;       |
| RCRA      | Resource Conservation and Recovery Act;             |
| Title III | Emergency Planning and Community Right to Know Act; |
|           | Section 302- Extremely Hazardous Substances;        |
|           | Section 313- Toxic Chemicals;                       |
| TLV       | Threshold Limit Value;                              |
| TWA       | Time Weighted Average;                              |
| UFL       | Upper Flammable Limit.                              |

**MSDS History**

MSDS Revision Summary:

| <u>Date</u> | <u>MSDS No.</u> | <u>Comments</u>   |
|-------------|-----------------|---|
| 08/10/2005  | CT 10085-1      | New MSDS  |
| 12/18/2008  | CT 10085-2      | Remove Zinc Borate from formulation.  |
| 02/20/2009  | CT 10085-3      | Remove Aluminosilicate from Formulation. Correct product common name and use. |

This is the end of MSDS # CT 10085-3