Material Safety Data Sheet

CertainTeed

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
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TELEPHONE AND E-MAIL:
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CertainTeed-EHS@saint-gobain.com

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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.

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 (CO2), 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

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.

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^3 TWA (total dust); 5 mg/m^3 TWA (respirable fraction)
NIOSH: 10 mg/m^3 TWA (total dust); 5 mg/m^3 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

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

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

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 ([1]related to Quartz) ([2]related to Silica-crystalline, quartz) ([3]related to Silica, Quartz) (°related to Quartz (SiO2) (°*related to Calcium carbonate)	Not Available	No	Yes[1]	Yes[2]	Yes[3]	Yes°	Yes° *

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/cm3	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^3	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:

Date	**MSDS No.**	**Comments**
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