

Material Safety Data Sheet

CertainTeed

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

MSDS Number: CT 10110-1
DATE PREPARED: June 13, 2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Trade Name:

CertaSpray ® Polyurethane Foam

Chemical Name: Mixture

CAS #: None Assigned

Common Name: Polyurethane foam

Product Use: Finished product, solid foam product used as an insulating material

MANUFACTURER INFORMATION:

CertainTeed Corporation
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TELEPHONE AND E-MAIL:

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2. HAZARD IDENTIFICATION

Emergency Overview

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

Summary:

Dust generated from cutting this material may cause mechanical irritation.

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

Potential Health Effects: Eyes

Particulates from this product may cause mechanical irritation of the eye.

Potential Health Effects: Skin

Mechanical rubbing may cause skin irritation.

Potential Health Effects: Ingestion

Not a likely route of entry.

Potential Health Effects: Inhalation

Inhalation of dusts may cause irritation of the respiratory tract.

Medical Conditions Aggravated by Exposure: None.

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

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

| CAS # | Component | Percent |
|---------------|----------------------------|---------|
| 9002-86-2 | Ethylene, chloro (polymer) | 82 - 85 |
| 1317-65-3 | Calcium carbonate | 1 – 6.5 |
| Not available | Polyurethane faom | 100 |

Component Information/Information on Non-Hazardous Components

This product has been evaluated using criteria specified in 29CFR 1910.1200 (Hazard Communication Standard) and is considered to be non-hazardous.

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

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

Skin contact with this product may cause irritation/dermatitis.

First Aid: Ingestion

Product is not intended to be ingested. 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.
May support combustion but does not meet combustibile definition.

Hazardous Combustion Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide, nitrogen oxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Use methods and media suitable for the surrounding the fire. Use massive quantities of water to cool fire-exposed containers and to protect personnel.

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: 1 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. Avoid generating dusts during clean up.

Evacuation Procedures

None necessary.

Special Procedures

Wear safety glasses with side-shields or safety goggles and gloves.

7. HANDLING AND STORAGE**Handling Procedures**

Avoid getting this material into contact with your skin and eyes. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas, fumes, vapor or spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids. After handling, always wash hands thoroughly with soap and water.

Storage Procedures

Room temperature - normal conditions. Storage area should be clearly identified, well illuminated, clear of obstruction and accessible only to trained and authorized personnel. Store in grounded, properly designed and approved vessels and away from incompatible materials. Store and use away from heat, sparks, open flame, or any other ignition source.

8. EXPOSURE CONTROL / PERSONAL PROTECTION**A: Component Exposure Limits**

Particulate (PNOC – Particulate Not Otherwise Classified) (Only applicable if material is sanded or cut in a way that would produce a dust)

ACGIH: TLV Withdrawn

OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Engineering Controls

Local exhaust ventilation should be provided to keep exposure levels to below the applicable exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: General

Protective equipment should be provided as necessary to prevent irritation of the throat, eyes, and skin, and to keep exposures below the applicable exposure limits identified in Section 8.

Personal Protective Equipment: Eyes/Face

Safety glasses with side shields or chemical goggles are recommended to material produced from cutting the material from entering the eyes.

Personal Protective Equipment: Skin

Wear leather or other appropriate work gloves, if necessary for type of operation.

Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively prevent build-up of dust during cutting activities, Use a NIOSH-approved dust/mist respirator to protect against nuisance dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------------|-------------------------|----------------------------------|----------------|
| Appearance: | Solid – Off-white color | Odor: | Odorless |
| Physical State: | Solid | pH: | Not Applicable |
| Vapor Pressure: | Not Applicable | Vapor Density: | Not Applicable |
| Boiling Point: | Not Applicable | Melting Point: | Not Available |
| Solubility (H2O): | Negligible | Specific Gravity: | Not Available |
| Flash Point: | Not Applicable | Flash Point Method: | Not Applicable |
| Lower Flammability Limit: | Not Applicable | Upper Flammability Limit: | Not Applicable |
| Auto Ignition Temp.: | Not Applicable | Burning Rate: | Not Applicable |

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

None identified.

Incompatibility

None identified.

Hazardous Decomposition

Upon decomposition, this product emits carbon monoxide, carbon dioxide, nitrogen oxide and/or low molecular weight hydrocarbons.

Possibility of Hazardous Reactions

No information available for the product.

11. TOXICOLOGICAL INFORMATION

Acute Dose Effects**A: General Product Information**

Dusts from this product may cause mechanical irritation of the eyes, skin, and respiratory system.

B: Component Analysis - LD50/LC50

The LD50/LC50's for this product have not been determined.

Carcinogenicity**A: General Product Information**

No known effects.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This product has not been tested. No known significant effects or critical hazards.

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

No EPA-listed Waste Numbers are being shown for this product's components.

Disposal Instructions

Dispose of waste material according to Federal, State, local 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: Not regulated as a hazardous material.

TDG Information

Shipping Name: Not regulated as a dangerous good.

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.

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

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

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

None of the components in this product are known to the State of California to cause cancer or developmental and reproductive toxicity.

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

No components are listed in the WHMIS IDL.

WHMIS Classification: Not classified as a controlled product.

Additional Regulatory Information**A: General Product Information**

No additional information available.

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 # Chemical Abstracts Services Number;
- CERCLA Comprehensive Environmental Response, Compensation and Liability Act;
- CFR Code of Federal Regulations;
- EPA Environmental Protection Agency;
- HMIS Hazardous Material Identification System;
- IARC International Agency for Research on Cancer;
- LFL Lower Flammable Limit;
- mg/m³ 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;
- REL Recommended Exposure Limit;
- SARA Superfund Amendments and Reauthorization Act;
- STEL Short Term Exposure Limit;
- 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;
- WHMIS Workplace Hazardous Materials Information System;
- WHMIS IDL Workplace Hazardous Materials Information System Ingredient Disclosure List.

MSDS History

MSDS Revision Summary:

| <u>Date</u> | <u>MSDS No.</u> | <u>Comments</u> |
|---------------|-----------------|-----------------|
| June 13, 2008 | CT-10110-1 | New MSDS |

This is the end of MSDS # CT 10110-1