

Material Safety Data Sheet



1. Product and company identification

Product/ trade name **E: 2000 Polyurethane Foam**

Product use Finished product, solid foam product used as an insulating material
E:zero Inc.
PO Box 26096
Akron, OH 44319

For Polyurethanes product information/assistance:
1-877-300-3150

Validation date: 5/31/2009

In case of emergency

Spills leaks Fire or Exposure Call Chemtrec: (800) 424-9300
Outside of the U.S. Call Chemtrec: (703) 527-3887

2. Hazards 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.

Skin Mechanical rubbing may cause skin irritation.

Ingestion Not a likely route of entry.

Inhalation Inhalation of dusts may cause irritation of the respiratory tract.

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3. Composition/information on ingredients

<u>Name</u>	<u>CAS Number</u>	<u>%</u>
Polyurethane foam	Not available	100
Ethylene, chloro (polymer)	9002-86-2	82-85
Calcium carbonate	1317-65-3	1-6.5

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

Eye contact	Do not rub or scratch 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.
Skin contact	Skin contact with this product may cause irritation/dermatitis.
Inhalation	Move person to non-contaminated air. Call a physician if symptoms develop or persist.
Ingestion	Product is not intended to be ingested. If the product is ingested, do not induce vomiting. Seek medical attention.

5. Fire-fighting measures

General fire hazards	See section 9 for flammability properties. May support combustion but does not meet combustible 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 fire. Use massive quantities of water to cool fire-exposed containers and to protect personnel.

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5. Fire-fighting measures

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.

6. Accidental release measures

Containment	None necessary.
Clean-up	Sweep up or gather material and place in appropriate container for disposal. Avoid generating dusts during clean up.
Evacuation	None necessary.
Special procedures	Wear safety glasses with side-shields or safety goggles and gloves.

7. Handling and storage

Handling 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 and acids. After handling, always wash hands thoroughly with soap and water.

Storage 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 controls/personal protection

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: 15mg/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.

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Personal protection

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.
Eyes/face	Safety glasses with side shields or chemical goggles are recommended to material produces from cutting the material from entering the eyes.
Skin	Wear leather or other appropriate work gloves, if necessary for type of operation.
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

General information

Appearance	Solid - off-white color
Physical state	Solid
Vapor pressure	Not applicable
Odor	Odorless
pH	Not applicable
Vapor density	Not applicable
Boiling point	Not applicable
Melting point	Not applicable
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. Stability and reactivity

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.

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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

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. Disposal considerations

US EPA waste number and 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. Transport information

Transportation Emergency Number 1-800-424-9300 (CHEMTREC)

Regulatory information	UN Number	Proper Shipping Name	Class	PG*	Label	Additional Information
DOT Classification	Not regulated					-
TDG Classification	Not regulated					-
IMDG Class	Not regulated		-	-		-
IATA-DGR Class	Not regulated		-	-		-

*PG : Packing group

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15. U.S. federal regulations

United States

U.S. Federal regulations

United States inventory (TSCA 8b): All components are listed or exempted.

CERCLA: Hazardous substances

SARA 313

No ingredients listed.

California Prop 65

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

Canada

WHMIS (Canada)

This product is not a controlled product according to the Canadian Hazardous Products Act.
No components are listed in the WHMIS IDL
Not classified as a controlled product.

CEPA (DSL)

All components are listed or exempted.

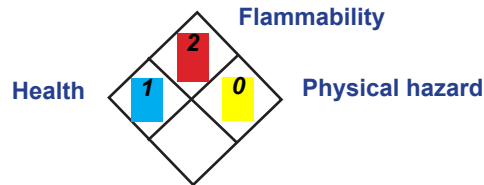
This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and this MSDS (Material Safety Data Sheet) contains all the information required by the CPR.

16. Other information

Hazardous Material Information System (U.S.A)

Health	0
Fire hazard	2
Physical hazard	0

National Fire Protection Association (U.S.A)



Hazard scale

0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe, * = Chronic hazard

Date of printing

5/31/2009

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5/31/2009

Notice to reader

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Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or ther processes. Such hazards, toxicity and behaviour should be determined by the used and made known to handlers, processors and end users.

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