

SAFETY DATA SHEET

ECO-40 / ECO-60 Extruded Rigid Insulation Foam

1. Identification

GHS product identifier : ECO-40 / ECO-60 Extruded rigid insulation foam
Product Code : Not available

Recommended Use. : Insulation, Structural thermal insulation, Under-slab insulation

Physical State : Solid foamed board

Company information : Eco Carbon Foam Inc.
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Thunder Bay, ON
P7C 5M9

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Emergency Telephone : +1 (613) 996-6666 (CANUTEC)

2. Hazards Identification

OSHA/HSC status

: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

This product is a manufactured product under the Canadian WHMIS and an Article under the United States Hazard Communication System. Therefore, it is EXEMPTED from the regulatory requirements under WHMIS, HCS, the States Right-to-Know and California Proposition 65.

Classification of the
 Substance or mixture : Not classified
GHS label elements
 Signal word : No signal word
 Hazard statements : No known significant effects or critical hazards
Precautionary statements
 Prevention : Not applicable
 Response : Not applicable
 Storage : Not applicable
 Disposal : Not applicable
 Hazards not otherwise
 Classified : None known

3. Composition/Information on Ingredients

Substance: Mixture
 Other means of
 Identification Not available

Ingredient Name	%	CAS number
Polystyrene.	95.	9003-53-6
Carbon Dioxide	1-5	124-38-9

Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

4. First Aid Measures

Description of necessary first aid measures

Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation:

If dust particles are inhaled, remove to fresh air and consult a physician if necessary.

Skin contact:

If skin irritation occurs, wash with soap and water. If irritation persists, get medical attention.

Ingestion:

Not a normal route of entry.

Most important symptoms/effects, acute and delayed Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

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Over-exposure signs/symptoms

Eye contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Eye Contact: If irritation occurs, Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Skin Contact: Wash skin with plenty of water.

Inhalation: Move person to fresh air; if effects occur, consult a physician.

Ingestion: If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed to do so by medical personnel.

Notes to Physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

See toxicological information (Section 11)

5. Fire-fighting measurements

Extinguishing Media:

Use an extinguishing agent that is suitable for the surrounding fire.

Specific hazards arising from the chemical

No specific fire or explosion hazard.

Hazardous thermal

decomposition products: Decomposition products may include carbon dioxide, carbon monoxide, halogenated compounds

Special protective actions
for the firefighters

No special protection is required

Special protective equipment
for the firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Put on appropriate personal protective equipment

For emergency responders: Not applicable.

Environmental precautions: Not applicable.

Methods and materials for containment and cleaning up Spill:

Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and storage

Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment

(see Section 8).

Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. See Section 10 for incompatible materials before handling or use.

8. Exposure controls/personal protection

Control Parameters

United States

Occupational exposure limits NONE

Canada

Occupational exposure limits NONE

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental Exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures:

- Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

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- Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection:
 1. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
 2. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
 3. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection: Not applicable

9. Physical and chemical properties

Appearance

Physical state: Solid.

Colour: Light gray, dark gray, light purple, dark purple, light green.

Odor: Odorless.

Odor threshold: Not available.

pH: Not available

Melting point: Not available

Boiling point: Not available

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Flash point:	Not available
Evaporating point:	Not available
Flammability (solid, gas)	Not available
Lower and upper explosive (flammable) limits:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	Not available
Solubility:	Not available
Partition coefficient: n-octanol/water.	Not available
Auto ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Flow time:	Not available
VOC=volatile organic compound:	N/A

10. Stability and reactivity

Reactivity: No specific test data related to reactivity is available for this product

Chemical stability: The product is stable

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur

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Incompatible materials: Reactive or incompatible with Amines, Esters,
Hydrocarbons

Conditions to avoid: No specific data

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Acute toxicity	-no data available
Irritation/corrosion	-no data available
Sensitization	-no data available
Mutagenicity	-no data available
Carcinogenicity	-no data available
Reproductive toxicity	-no data available
Teratogenicity	-no data available
Specific target organ toxicity (single and repeated exposure)	-no data available
Aspiration hazard	-no data available

Information on the likely route of exposure:

Dermal contact, eye contact, inhalation, ingestion

There are no known significant effects or critical hazards to the potential health effects, to the symptoms related to the physical, chemical and toxicological characteristics, to the delayed and immediate effects and also chronic effects from short- and long-term exposure.

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Numerical measures of toxicity

Acute toxicity estimates

-no data available

Toxicity

-no data available

Persistence and degradability.

-no data available

Bioaccumulative potential

-no data available

Mobility in soil/Soil/water partition coefficient (K_{oc})

-Not available

Other adverse effects:

-No known significant effects of critical hazards

13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14 Transport information

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	Not regulated	Not regulated	<u>Not regulated</u>	Not regulated
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
<u>Packing group</u>	-	-	-	-
Environmental hazards	NO	NO	NO	No

AERG: Not applicable

15. Regulatory information

U.S. Federal regulations: TSCA 8(b): All components listed as exempted.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) -not listed

Clean Air Act Section 602 Class I Substances -not listed

Clean Air Act Section 602 Class II Substances -not listed

DEA List I Chemicals (Precursor Chemicals) -not listed

DEA List II Chemicals (Essential Chemicals) -not listed

SARA 302/304 No products were found

SARA 304 RQ Not Applicable

SARA 311/312 Not applicable

SARA 313 No Data available

State right to know:

Hazardous component	CAS#	Listed States
Ethanol	64017-5	PA, MA, NJ
Carbon dioxide gas	124-38-9	PA, MA, NJ

This product does not require a Safe Harbor warning under California Prop. 65

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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