

Version: 1

Polyethylene Foam

Preparation date: 2015-10-13

1. IDENTIFICATION

Product Name: CELL-AIRE®, CORRO-FOAM®, CELLUPLANK®, ETHAFOAM®, ETHAFOAM® 260CI, ETHAFOAM® HRC, ETHAFOAM® MRC, ETHAFOAM® M SERIES, SYNERGY®, STRATOCELL®, STRATOCELL® PLUS, STRATOCELL® RC, CELLU-CUSHION®, CELLU- CUSHION® 84, AND OPTI-STEPTM POLYETHYLENE FOAMS. INCLUDES VARIOUS EXTRUDED POLYETHYLENE FOAM PROFILES AND LAMINATES (DOLPHIN-PAD™).

Product Code: Not Applicable

SDS#: PE-01

Recommended Use: Foam packaging used for cushioning and product protection.

Uses Advised Against: Uses other than those identified are not recommended

Manufacturer, Importer, Supplier: Sealed Air Corporation (US)
7665 National Turnpike, Building D
Louisville, KY 40214-4801
Phone: (502) 380-4333

Emergency Telephone Number: Chemtrec 800-424-9300

2. HAZARD(S) IDENTIFICATION**Classification of the substance or mixture:**

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS).

Signal Word: Not applicable

Hazard Statements: Not applicable

Precautionary statements: Wash hands thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Health hazards not otherwise classified (HHNOC) -
Physical hazards not otherwise classified (PHNOC)
-

Not applicable

This polyethylene foam is made with a flammable hydrocarbon blowing agent, most of which is removed prior to shipment. However, residual flammable vapors may gradually exhaust from the foam during storage, fabrication or use. Avoid close confinement of large foam quantities and sources of ignition near the foam (i.e. smoking, sparks, and flames). Do not store near heating equipment. Heating equipment should be inspected regularly during every heating season to check for pinholes or larger defects in the combustion chamber. Burns readily when exposed to plentiful and hot ignition sources. Use self-contained breathing apparatus in the event of fire.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients:

	<u>CAS No.</u>	<u>Weight %</u>
Polyethylene	9002-88-4	85-100
Hydrocarbon Gas	75-28-5 or 74-98-6	0-5
Glycerol Stearate	Mixture	0-2
Color Concentrate	Variety	0-1

Exact percentages and CAS numbers are being withheld as trade secret information. Occupational exposure limits, if available, are listed in Section 8.

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Eyes: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Inhalation: No information available.

Ingestion: No information available.

Most important symptoms/effects:

Eyes: Dust may cause irritation or corneal injury due to mechanical action. Fumes released during hot operation may cause eye irritation.

Skin: Dust may cause skin irritation.

Inhalation: Fumes generated under heat may cause eye irritation and respiratory irritation. Dust may cause irritation to upper respiratory tract and lungs.

Ingestion: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: No information available.

5. FIRE-FIGHTING MEASURES

Specific Methods: No special methods required.

Suitable Extinguishing Media: Water, carbon dioxide (CO₂) and dry chemical.

Specific Hazards: Trace amounts of residual blowing agent may be present in the foam. Mechanical and thermal processes may produce dust and flammable vapors which may be potential explosion hazards.

Special Protective Equipment for Fire Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. PVC boots, gloves, safety helmet and protective clothing should be worn.

Unsuitable Extinguishing Media: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No information available.

Environmental precautions: No information available.

Methods and materials for containment and cleaning up: No information available.

7. HANDLING AND STORAGE

Handling: Fabricating operations which cut large numbers of interior foam cells, can release localized amounts of flammable, residual blowing agent. Provide adequate ventilation to avoid the buildup of blowing agent concentration.

Storage: This polyethylene foam is made with a flammable hydrocarbon blowing agent, most of which is removed prior to shipment. However, residual flammable vapors may gradually exhaust from the foam during storage, fabrication or use. Avoid close confinement of large foam quantities and sources of ignition near the foam (i.e. smoking, sparks, and flames). Do not store near heating equipment. Heating equipment should be inspected regularly during every heating season to check for pinholes or larger defects in the combustion chamber. Burns readily when exposed to plentiful and hot ignition sources. Use self-contained breathing apparatus in the event of fire.

Aerosol Level (if applicable): Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS#	OSHA-PEL	ACGIH-TLV
Hydrocarbon Gas	75-28-5 or 74-98-6	Not established 1000 ppm	1000 ppm (STEL) 1000 ppm

Engineering Controls to Reduce Exposure: No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment:

Eye protection:	No special requirements under normal use conditions.
Hand protection:	No special requirements under normal use conditions.
Skin and body protection:	No special requirements under normal use conditions.
Respiratory protection:	No special requirements under normal use conditions.
Hygiene measures:	No special requirements under normal use conditions.

For additional information obtain the Sealed Air Corporation "Polyethylene Foam Safety Guide."

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid plastic foam	Flammability (solid, gas): Not available
Color: Natural, Black, Light Green and other colors	Lower and upper explosive limits: *Hydrocarbon Gas: LEL1.8% by volume and UEL 8.5% by volume
Odor: Slightly aromatic (musty)	Vapor Pressure: Not available
Odor Threshold: Not available	Vapor Density (Air = 1): >1
pH: Not available	Relative Density: 20 - 200 Kg/m3
Melting Point/Freezing Points: 230° F (110° C)	Solubility in Water: Not soluble
Boiling/condensation point: Not available	Partition coefficient: n- octanol/water: Not available
Flash point: Hydrocarbon Gas: -120 °F (-84 °C)	Auto-Ignition temperature: Not available
	Decomposition temperature: Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Evaporation rate: Not available

Viscosity: Not available

*Only trace amounts of residual blowing agent (under 2 wt%) present in the foam.

10. STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Stability: Stable at room temperature.

Possibility of Hazardous Reactions: Not applicable.

Hazardous Decomposition Products: Not available.

Materials to Avoid: Contact with strong oxidants for extended time.

Conditions to Avoid: Avoid flame, very high temperature, and UV.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion.

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure:

Eye Contact: None known.

Skin Contact: None known.

Inhalation: None known.

Ingestion: None known.

Sensitization: No information available.

Numerical measures of toxicity:

ATE - Oral (mg/kg) Not available

Carcinogenicity:

Ingredient(s)	IARC	OSHA	NTP
Not applicable	--	--	--

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility in Soil: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial and local laws and regulations.

Contaminated Packaging: Not applicable.

RCRA Hazard Class (undiluted product): Discarded product is not a hazardous waste under RCRA, 40 CFR 261, when disposed of in its purchased form.



14. TRANSPORT INFORMATION

DOT: Not regulated.

TDG: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

DOT (Ground) Bill of Lading Description: Not regulated.

IMDG (Ocean) Bill of Lading Description: Not regulated.

Note: Transport large quantities of this polyethylene foam in ventilated vehicles. Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (i.e. lit tobacco products, sparks and flames) near the foam and vehicle.

For additional information obtain the Sealed Air Corporation "Polyethylene Foam Safety Guide."

15. REGULATORY INFORMATION

International Inventories at CAS# Level:

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations:

California Proposition 65:

Ingredient(s)	CAS#	
Not applicable	--	This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK):

Ingredient(s)	CAS#	MARTK	NJRTK	PARTK	RIRTK
Not applicable	--	--	--	--	--

CERCLA/ SARA:

Ingredient(s)	CAS#	Weight %	CERCLA/SARA RQ (lbs.)	Section 302 TPQ (lbs.)	Section 313
Not applicable	--	--	--	--	--

Ingredient(s)	CAS#	CAA HAP	CAA ODS	CWA Priority Pollutants
Not applicable	--	--	--	--

SARA 311/312 Hazard Categories:

- Immediate:** --
- Delayed:** --
- Fire:** --
- Reactivity:** --
- Sudden Release of Pressure:** -

Canadian Regulations:

CEPA DSL: All components are listed or exempted.

- NFPA: Health:** 0
- Flammability:** 1
- Instability:** 0
- Special Hazard:** None

0=Minimal 1=Slight 2=Moderate 3=High 4=Extreme

16. OTHER INFORMATION

Version Number: 2

Preparation date: 2015-10-13

SDS Code: PE-01

Reason for revision: Revised Section 8.

Prepared by: NAPCRA

Additional advice: Not applicable.

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