



GHS Safety Data Sheet
Cross-Linked Polyethylene Foam
All Colors, All Densities

1. Identification

Name of the product: Cross-linked Polyethylene (XLPE) foams

Synonyms: PE Foam, Cross-Lined Polyethylene, XLPE Foam, EVA

Recommended use: Dunnage, rack trays, reusable packaging

Producer: Worldwide Foam, Ltd.
1806 Conant Street
Elkhart, IN, 46516

Telephone no. Emergency: 574-968-8268 Non-Emergency: 574-968-8268

2. Hazard(s) identification

Emergency Overview

Hazards: Molten polymer will cause thermal burns to skin. When heated irritating fumes may be produced.

Potential Health Effects

Routes of Exposure: Poses no immediate hazard.

Signs and symptoms

of Acute Exposure: No known acute exposure effects.

Eye: Solids or dusts may cause irritation or scratch the surface of the eye.

Skin: Not irritating. Heated foam can stick to skin, causing thermal burns.

Ingestion: Ingestion is not a likely route of exposure.

Inhalation: Inhalation of fumes and vapors generated by heating foam may causes soreness of throat.

Chronic Health Effects: No known chronic health effects.

Conditions Aggravated

by Exposure: No known conditions are aggravated by exposures to this material.

3. Composition / Information on ingredients

Exempt: This product is considered to be an article according to 29 CFR, hazardous communication – 1910.1200(b)(6)(v)



OSHA Regularity

Status: While this material is not classified as hazardous under OSHA regulations, 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 the product.

4. First-aid measures

- Inhalation:** If symptoms are experienced, move affected individuals to fresh air. Obtain medical attention if breathing difficulty persists.
- Skin contact:** If heated material contacts the skin, immediately quench with cool flowing water. If foam sticks to skin, do not peel off, seek immediate medical attention. If the burn is severe, obtain immediate medical assistance.
- Eye contact:** Flush particles from eyes with clean flowing water or eye wash solution for several minutes. Seek medical attention if discomfort persists.
- Ingestion:** If ingested, seek medical attention.

5. Firefighting measures

Flammability

Classification: Not classified. Polyethylene will burn.

Flash Point/ Method: Not Applicable.

Auto-Ignition Temperature: 650 °F (343 °C)

Flammable Limits: **Lower:** N.A.
Upper: N.A.

Hazardous Combustion

Products: Common products of combustion of Polyethylene: Carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed.

Suitable

extinguishing media: Foam, extinguishing powder, carbon dioxide, water fog, High pressure water jet.

Unsuitable

extinguishing media: None.



Fire Fighting Instructions

Equipment and Precautions for Firefighters:

Wear an approved positive pressure self-contained breathing apparatus and firefighting turnout gear.

Instructions:

Use flooding quantities of water until well after the fire is extinguished.

6. Accidental release measures

Personal Precautions:

None.

Methods for Containment and Cleaning Up:

Pick up material and dispose of in accordance with local regulations.

Environmental Precautions:

Do not dispose of product or machining dust into waterways.

7. Handling and storage

Precautions for Safe Handling:

Keep scrap material off walking surfaces as this can create slipping hazards. Avoid accumulation of dust in an enclosed area. Use in well ventilated areas. Use good housekeeping practices during storage, transfer, and handling.

Conditions for Safe Storage:

Recommended storage indoors with adequate fire sprinklers protection. Store away from excessive heat, ignition sources and oxidizing agents. Roll product can be heavy, stacking not recommended.

8. Exposure controls / personal protection

System Design:

Ventilate storage and use areas, to prevent accumulation of dust and fumes.

Exposure Limits:

Polyethylene does not release any hazardous materials during normal usage conditions and no other material in the mixture creates a hazardous material.

Respiratory Protection:

Use appropriate respiratory protection.

Eye Protection:

Safety glasses are recommended.

Skin protection:

Use appropriate protective clothing.



9. Physical and chemical properties

Physical State:	Solid	Color:	According to product color.
Odor:	Faint, mild hydrocarbon.	pH-value:	N.A.
Melting Point:	85°C	Freezing Point:	N.A.
Boiling Point:	N.A.	Evaporation rate:	N.A.
Explosion limits:	N.A.	Vapor pressure:	N.A.
Vapor Density:	Not available	Specific Gravity:	0.02 to 0.40 (water = 1)
Solubility:	Insoluble 20°C	Partition Coefficient:	Not available
Auto-Ignition Temperature:	Not available	Decomposition Temperature:	Not available

10. Stability and reactivity

Chemical stability: No decomposition

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Open flame.

Materials to Avoid: Halogens, strong oxidizing agents, benzene, petroleum ether, aromatic and chlorinated hydrocarbons.

Hazardous Decomposition

Products: None known.

11. Toxicological information

Acute Toxicity: None known

Summary Comments: Worldwide Foams, Ltd.'s XLPE is not considered to be toxic to humans or animals.

Sub chronic/Chronic Toxicity: None known



Summary Comments: Material does not product toxic reactions as best we know.

12. Ecological information

Persistence and Degradability: The material is not innately biodegradable and should be disposed of as indicated by local regulation.

Bio-Accumulative Potential: There is no evidence to suggest bioaccumulation will occur.

Mobility: Accidental spillage will not result in soil penetration or negatively affect the water table.

Aquatic Toxicity: No available weight of the evidence summary assessment.

13. Disposal considerations

Waste Disposal: Product is not suitable for burning as either fuel or incineration. The product is suitable for processing at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal. Recycle when possible.

14. Transport information

Shipping Name:	Cross-Linked Polyethylene Foam.		
DOT Hazard Class:	Not Regulated		
UN/NA ID:	Not Regulated	Marine Pollutant:	Unknown
Packing Group:	Not applicable	NAER Guidebook:	Not Regulated
Labels:	Not Regulated	DOT Status:	Not Regulated

15. Regulatory information: No additional regulatory information.

16. Other information

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