



MATERIAL SAFETY DATA SHEET

RayLite[®]
Expanded Polystyrene Insulation

Products/ Material:

RayLite, StyroStud, StyroVents, BackerBoard,
Masonry Fill, StyroPour Pac, Styro Lite, R-Flex,
The Foiler

Manufacturer: DiversiFoam Products

Address: 9091 County Road 50
Rockford, MN 55373

Emer. Ph. #: 1-763-477-5854

SECTION I PRODUCT IDENTIFICATION

Trade Name: RayLite
Synonym: Expanded Polystyrene Foam
Chemical Family: Polystyrene

SECTION II INGREDIENTS

	<u>Weight%</u>	<u>CAS #</u>
Polystyrene	99%	9003-53-6
Pentane	1%	109-66-0

SECTION III PHYSICAL DATA

Boiling Point (°F) Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility In Water: Insoluble
Specific Gravity (H₂O=1) 0.016
Percent Volatile By Weight: Less than 1% pentane
Evaporation Rate: 0
Appearance and Odor: Rigid foam blocks, boards, or shapes. No odor
Color: White

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable
Flammable Limits: LEL Not applicable
UEL Not applicable

Extinguishing Media:
Dry Chemical, CO₂, water fog, foam

Special Fire Fighting Procedures:
Do not enter fire without proper protection such as turn-out gear and supplied air respirators.

Unusual Fire and Explosion Hazards:
Heat from fire will melt foam and may produce dense black smoke consisting mostly of carbon (soot), carbon monoxide, carbon dioxide, and water. Dense smoke may obstruct vision.

NFPA Code: (Health 0) Flammability 1) (Reactivity 0)

SECTION V HEALTH HAZARD DATA

Inhalation:

Not expected to present a significant inhalation hazard under normal conditions of use. When material is cut using a hot-wire device, Carbon Monoxide (50 PPM TWA) and a black smoke may be produced. Avoid breathing smoke, use of local ventilation or NIOSH approved high efficiency particulate filter respirator is recommended if prolonged exposure is anticipated.

Eye Contact:

Solid particles or dust produced when cutting, sanding or sawing, may cause mechanical injury to eyes upon contact. Use of safety glasses is recommended. Black smoke generated during cutting may cause eye irritation. Rinse eyes with water to remove dust or particles.

Skin Contact:

Not expected to cause a significant skin hazard under anticipated conditions of use.

Ingestion:

Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

Emergency Medical Treatment:

After adequate first aid, no further treatment is required, unless symptoms reappear.

SECTION VI REACTIVITY DATA

Product is: Stable

Incompatibility:

May be incompatible with some organic solvents.

Hazardous Decomposition Products:

With combustion carbon monoxide, carbon dioxide and other toxic fumes may be present.

Hazardous Polymerization:

Will not occur.

SECTION VII SPILL OR LEAK PROCEDURES

Spills or Leaks:

Sweep/shovel into suitable disposal container.

Waste Disposal Methods:

Comply with federal/state/local regulations.

SECTION VIII SPECIAL PRECAUTIONS

Good industrial hygiene should be practiced. Good general ventilation is sufficient for most conditions. Use eye protection.

NOTE: The data and recommendations presented herein are based upon data which is considered to be accurate. However, DIVERSIFOAM PRODUCTS makes no guarantee or warranty, either expressed or implied, of the accuracy or completeness of this data and recommendations.