

# DIVERSIFOAM PRODUCTS

## Safety Data Sheet RayLite

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	RayLite
Substance name	Expandable Polystyrene
CAS no.	9003-53-6

#### 1.2 Other means of identification

A-One Concrete Forms, Styrostud, Backerboard, Masonary Fill, Styropour Pac, Styro Lite, R-Flex and EIFS Grade

#### 1.4 Supplier's details

Name	DiversiFoam Products
Address	9091 County Road 50 Rockford, MN 55373 United States

Telephone	736 477 5854
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#### 1.5 Emergency phone number(s)

763 477 5854

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

**GHS classification in accordance with OSHA (29 CFR 1910.1200)**

Not a hazardous substance or mixture.

#### 2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

#### 2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name	Expandable Polystyrene
CAS no.	9003-53-6

Other names / synonyms	Expanded Polystyrene Foam Insulation
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Impurities and stabilizing additives    None

### Hazardous components

#### 1. POLYSTYRENE

Concentration                                    > 99 %

Other names / synonyms                      EPS Beads

CAS no.    9003-53-6

#### 2. PENTANE

Concentration                                    < 1 %

Other names / synonyms                      N-PENTANE; NORMAL PENTANE; UN 1265

EC no.    203-692-4

CAS no.    109-66-0

Index no.     601-006-00-1

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice                                    No Hazards Expected

If inhaled    No Hazards Expected

In case of skin contact                         No Hazards Expected

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

If swallowed                                        No Hazards Expected

Personal protective equipment for first-aid responders  
No data available.

### 4.2 Most important symptoms/effects, acute and delayed

No data available.

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

No data available.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Dry Chemical, CO 2, Water Fog, or Foam

### 5.2 Specific hazards arising from the chemical

Heat form fire will melt foam and produce a dense black smoke consisting mostly of carbon and carbon dioxide. Dense smoke may obstruct vision

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### 5.3 Special protective actions for fire-fighters

Do not enter fire without proper protection such as turn out gear and supplied air respirators

#### Further information

No data available.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

None Required

### 6.2 Environmental precautions

None Required

### 6.3 Methods and materials for containment and cleaning up

Sweep/Shovel into suitable disposal container

#### Reference to other sections

No data available.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

This material is combustible and should not be exposed to flame or other ignition sources. No smoking, open flames or sources of ignition in handling and storage area. Fabrication methods which involve cutting into this product may release the blowing agent(s) remaining in the cells. Provide adequate ventilation to assure localized concentrations in release areas are maintained below the lower flammable limit.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, well-ventilated place. Minimize sources of ignition, such as static build-up, heat, spark or flame. During shipment, storage, installation, and use, this material should not be exposed to flame or other ignition sources.

#### Specific end use(s)

No data available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Pentane (CAS: 109-66-0)

PEL (Inhalation): 1000 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 8.2 Appropriate engineering controls

No data available.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Safety glasses or goggles are recommended when using this product.

#### Skin protection

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Wear appropriate gloves. Suitable gloves can be recommended by the glove supplier.

### Body protection

Impervious protective clothing and gloves recommended to prevent irritation of skin.

### Respiratory protection

None Required

### Thermal hazards

No data available.

### Environmental exposure controls

None Required

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form	Solid White
Odor	Slight hydrocarbon odor
Odor threshold	No data available.
pH	Not Applicable
Melting point/freezing point	NA/400
Initial boiling point and boiling range	Not Applicable
Flash point	No data available.
Evaporation rate	Not Applicable
Flammability (solid, gas)	1
Upper/lower flammability limits	Not Applicable
Upper/lower explosive limits	Not Applicable
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Relative density	1.05 to 1.18
Solubility(ies)	Not Applicable
Partition coefficient: n-octanol/water	Not Applicable
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Applicable
Viscosity	Not Applicable
Explosive properties	Not Applicable
Oxidizing properties	Not Applicable

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

May be incompatible with some organic solvents

### 10.4 Conditions to avoid

Sparks and open flames

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### 10.5 Incompatible materials

organic solvents

### 10.6 Hazardous decomposition products

No data available.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

None

#### Skin corrosion/irritation

None

#### Serious eye damage/irritation

None

#### Respiratory or skin sensitization

None

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

#### Reproductive toxicity

No data available.

#### Summary of evaluation of the CMR properties

No data available.

#### STOT-single exposure

No data available.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

No data available.

#### Additional information

No data available.

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## SECTION 12: Ecological information

### Toxicity

No data available.

### Persistence and degradability

No data available.

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### **Bioaccumulative potential**

No data available.

### **Mobility in soil**

No data available.

### **Results of PBT and vPvB assessment**

No data available.

### **Other adverse effects**

No data available.

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## **SECTION 13: Disposal considerations**

### **Disposal of the product**

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

### **Disposal of contaminated packaging**

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

### **Waste treatment**

No data available.

### **Sewage disposal**

No data available.

### **Other disposal recommendations**

No data available.

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## **SECTION 14: Transport information**

### **DOT (US)**

Not dangerous goods

### **IMDG**

Not dangerous goods

### **IATA**

Not dangerous goods

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## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations specific for the product in question**

#### **New Jersey Right To Know Components**

Common name: PENTANE

CAS number: 109-66-0

#### **Pennsylvania Right To Know Components**

Chemical name: Pentane

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CAS number: 109-66-0

### 15.2 Chemical Safety Assessment

No data available.

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## SECTION 16: Other information

No data available.

### 16.1 Further information/disclaimer

No data available.

### 16.2 Preparation information

No data available.