

## MATERIAL SAFETY DATA SHEET

**CertiFoam**<sup>®</sup>  
Extruded Polystyrene Insulation

### Products/ Material:

CertiFoam, CertiFoam 15, CertiFoam 40, CertiFoam 60, CertiSheath, CertiStud, CertiLite, CertiFoam Tapered

**Manufacturer:** DiversiFoam Products

**Address:** 9091 County Road 50  
Rockford, MN 55373

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

### SECTION I PRODUCT IDENTIFICATION

**Trade Name:** CertiFoam  
**Synonym:** Extruded Polystyrene Foam  
**Chemical Family:** Polystyrene

### SECTION II INGREDIENTS

	<u>Weight%</u>	<u>CAS #</u>
Polystyrene	95%	9003-53-6
HCFC 142B	5-10%	75-45-6

### SECTION III PHYSICAL DATA

**Boiling Point (°F)** Not applicable  
**Vapor Pressure:** Not applicable  
**Vapor Density:** Not applicable  
**Solubility In Water:** Insoluble  
**Specific Gravity (H<sub>2</sub>O=1)** 0.031  
**Percent Volatile By Weight:** Negligible  
**Evaporation Rate:** 0  
**Appearance and Odor:** Rigid foam blocks, boards, or shapes. No odor  
**Color:** Yellow

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

### Extinguishing Media:

Dry Chemical, CO<sub>2</sub>, 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. CertiFoam does not contain materials regulated by OSHA or listed by the International Agency for Research on Cancer (IARC).

### 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.