

# SAFETY DATA SHEET



Date Issued : 10/22/2013  
SDS No : 125927

## Microspheres, Glass

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Microspheres, Glass  
**PRODUCT CODE:** 125927

#### MANUFACTURER

Fiberglass Coatings Inc.  
4301A 34th Street North  
St. Petersburg, FL 33714  
**Customer Service:** (800) 272-7890  
**E-Mail:** [www.fgci.com](http://www.fgci.com)  
**Emergency Contact:** Chem-Tel  
**Emergency Phone:** (800) 255-3924

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel (800) 255-3924

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Harmful if inhaled

#### GHS LABEL

Harmful



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H320: Causes eye irritation.  
H370: Causes damage to organs.  
H316: Causes mild skin irritation.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P261: Avoid breathing fumes, dust, vapors, gases, or spray.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Colorless Solid.

**IMMEDIATE CONCERNS:** Avoid dusting, low hazard through normal use.

## POTENTIAL HEALTH EFFECTS

**EYES:** Can cause eye irritation. Symptoms include: stinging, tearing, redness, and swelling of the eyes.

**SKIN:** Can cause skin irritation. Symptoms may include redness, burning, drying and cracking of the skin, burns and other skin damage.

**SKIN ABSORPTION:** May be absorbed through the skin in harmful amounts.

**INGESTION:** May be harmful if swallowed.

**INHALATION:** May be harmful if inhaled. Causes respiratory tract irritation.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Mullite	100	1302-93-8

## 4. FIRST AID MEASURES

**EYES:** Flush eyes with water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do so. Seek immediate medical attention.

**SKIN:** Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

**INGESTION:** Rinse mouth, seek medical attention if feeling unwell.

**INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** May be combustible at high temperature

**EXTINGUISHING MEDIA:** Use dry chemical, CO<sub>2</sub>, water spray/fog (not jet), or foam

**EXPLOSION HAZARDS:** Dusts at sufficient concentrations can form explosive mixtures with air.

**FIRE FIGHTING PROCEDURES:** Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water used for cooling purposes.

**FIRE FIGHTING EQUIPMENT:** Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Extinguish all nearby ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container.

**LARGE SPILL:** Use a shovel to put the material in to a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**GENERAL PROCEDURES:** Always ensure proper ventilation from any spill. Respirators or SCBA are required if permissible exposure limits are exceeded due to inadequate general ventilation. All spills should be contained as best as possible. All chemical spills should be assumed to be hazardous to the environment to ensure safety.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid ignition sources (flame, spark, smoking, etc) in use or handling areas. Use explosion proof electrical

equipment. Ground all equipment containing this material. Do not ingest or breathe vapors/fumes. Avoid contact with eyes and skin. Always wear proper PPE when handling. Provide sufficient ventilation. A NIOSH respirator is required if permissible exposure limits are exceeded.

**STORAGE:** Store in a cool, dry, well-ventilated area, away from any sources of ignition and incompatible materials. Keep all equipment grounded to avoid static sparking. Keep container closed when not being used.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (PEL/TLV). Any installed emergency eye wash station or safety showers should be located near the work area.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

**SKIN:** Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eyewash and shower station near work area in case of exposure.

**RESPIRATORY:** Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

**WORK HYGIENIC PRACTICES:** Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid.

**ODOR:** Odorless.

**APPEARANCE:** Colorless Solid

**COLOR:** Colorless

**pH:** No data available.

**FLASH POINT AND METHOD:** N/A = Not Applicable

**FLAMMABLE LIMITS:** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**BOILING POINT:** No data available.

**MELTING POINT:** 1810°C (3290°F)

**SOLUBILITY IN WATER:** Insoluble.

**EVAPORATION RATE:** No data available.

**DENSITY:** 3.03 g/cm<sup>3</sup>

**SPECIFIC GRAVITY:** No data available.

**(VOC):** None

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Avoid contact with incompatible materials and ignition sources / heat.

**INCOMPATIBLE MATERIALS:** Avoid all unplanned contact with strong reactive chemicals. (Oxidizers, etc.)

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	INHALATION LC <sub>50</sub> (rat)
Mullite	2.19 mg/L (4h)

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Environmental studies have not been performed for this mixture.

**ECOTOXICOLOGICAL INFORMATION:** Do NOT discharge into sewers or waterways. Numerical data is not available. Assumed to be toxic to aquatic life and the environment for safety.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal should be in accordance with all Federal, State, and local regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated by DOT

### AIR (ICAO/IATA)

**SHIPPING NAME:** Not Regulated by DOT

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not Regulated by DOT

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

**TITLE III NOTES:** Components meeting the requirements are listed.

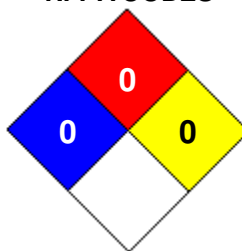
## 16. OTHER INFORMATION

**PREPARED BY:** Fiberglass Coatings, Inc. (HE)

## HMIS RATING

HEALTH	<input type="text"/>	0
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		E

## NFPA CODES



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