

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Name **OMicron Solid Glass Beads**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s) Used as functional fillers and additives in various industrial applications, plastics, paints & coatings, composites and thermoset systems.

### 1.3 Details of the supplier of the safety data sheet

Company Identification Potters Industries LLC  
P. O. Box 841  
Valley Forge, PA 19482 USA  
Telephone +1 610-651-4700  
E-Mail (competent person) sds.uk@pqcorp.com

### 1.4 Emergency telephone number

Emergency Phone No. Potters Industries LLC +1 610-651-4200  
ChemTrec (800) 424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

GHS Classification Not classified as dangerous for supply/use.

### 2.2 Label elements

Hazard pictogram(s)

Signal word(s) Not applicable.

Hazard statement(s) Not applicable.

Precautionary statement(s) Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	%W/W	CAS No.	EINECS No. / REACH Registration	EC Classification and Risk Phrases
Glass oxide; Glass	>99	65997-17-3	2660460	Not applicable.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Eye Contact Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. If symptoms persist, obtain medical attention.

Skin Contact Wash affected skin with plenty of water. If symptoms occur obtain medical attention.

Inhalation In case of accident by inhalation: remove casualty to fresh air and keep at rest. If symptoms develop, obtain medical attention.

Ingestion Do not induce vomiting. Get immediate medical advice/attention.

**4.2 Most important symptoms and effects, both acute and delayed**

Dust may cause irritation Spilled material can make floors slippery. Dust may cause discomfort and mild irritation.

**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable Extinguishing Media

As appropriate for surrounding fire.

Unsuitable extinguishing Media

None known.

**5.2 Special hazards arising from the substance or mixture**

Non-combustible.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear suitable protective clothing. Wear eye/face protection.

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

Caution - spillages may be slippery. Avoid generation of dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

**6.4 Reference to other sections**

Not applicable.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Avoid contact with eyes, skin and clothing. Avoid generation of dust. Wash thoroughly after handling.

Wear protective equipment to comply with good occupational hygiene practice.

Do not eat, drink or smoke at the work place.

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

Keep container tightly closed and dry.

**7.3 Specific end use(s)**

Not applicable.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

SUBSTANCE.	Occupational Exposure Limits
Glass oxide; Glass	No Occupational Exposure Limit assigned. UK EH40: Dust Total inhalable: WEL 10mg/m <sup>3</sup> 8h TWA. Respirable: WEL 4mg/m <sup>3</sup> 8h TWA. ACGIH: Particulates not otherwise classified Inhalable TLV 10mg/m <sup>3</sup> 8h TWA. Respirable: TLV 3mg/m <sup>3</sup> 8h TWA. OSHA: Inert or Nuisance Dust Total dust : PEL 15mg/m <sup>3</sup> 8h TWA. Respirable fraction : PEL 5mg/m <sup>3</sup> 8h TWA.

**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls**

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

**8.2.2 Personal Protection**

Respiratory protection

Wear suitable respiratory protective equipment if working in confined spaces with inadequate ventilation or where there is any risk of the exposure limits being exceeded.

Eye/face protection

Chemical goggles (EN 166).

Skin protection

Wear suitable protective clothing and gloves. For example cotton or rubber.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

Appearance	Solid. Powder. / Beads. White
Odour	Odourless.
Odour Threshold (ppm)	Not applicable.
pH (Value)	Not applicable.
Freezing Point (°C)	Not applicable.
Melting Point (°C)	Approx 730 C
Boiling Point (°C)	Not applicable.
Flash Point (°C) [Closed cup]	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-combustible.
Vapour pressure (Pascal)	
Vapour Density (Air=1)	Not applicable.
Solubility (Water)	Insoluble.
Partition Coefficient	Not applicable.
Auto Ignition Point (°C)	Not applicable.
Decomposition Temperature (°C)	Not applicable.
Viscosity (mPa. s)	Not applicable.
Explosive properties	Not applicable.
Oxidising Properties	Not applicable.

## **SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Reactive Hazard: No
<b>10.2 Chemical stability</b>	Stable.
<b>10.3 Possibility of hazardous reactions</b>	Not applicable.
<b>10.4 Conditions to avoid</b>	Not applicable.
<b>10.6 Hazardous decomposition product(s)</b>	None known.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

Ingestion	Not classified
Inhalation	Not classified Dust may cause irritation.
Skin Contact	Not classified Dust may cause irritation.
Eye Contact	Not classified Dust may cause irritation.

#### **Sensitisation**

Not sensitising.

#### **Carcinogenicity**

There are no known reports of subchronic toxicity of nonfibrous glass. IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.

#### **Reproductive toxicity**

No evidence of reproductive toxicity or developmental toxicity.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

No environmental hazards have been reported or known.

### **12.2 Persistence and degradability**

This product is virtually inert and has no known adverse effect on the environment.

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

Not classified as PBT or vPvB.



12.6 Other adverse effects Not applicable

### **SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 Waste treatment methods Product as supplied: The waste is considered to be non hazardous. Disposal should be in accordance with local, state or national legislation.

### **SECTION 14: TRANSPORT INFORMATION**

14.1 UN number Not applicable.  
14.2 Proper Shipping Name Not classified as hazardous under DOT or US Transport Recommendations.  
Not restricted under IATA regulations.  
14.3 Transport hazard class(es) Not applicable.  
14.4 Packing group Not applicable.  
14.5 Environmental hazards Not applicable.  
14.6 Special precautions for user Not applicable.

### **SECTION 15: REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

TSCA Inventory Status: Reported/Included.

AICS Inventory Status: Reported/Included.

DSL/NDSL Inventory Status: Reported/Included.

There is no CERCLA Reportable Quantity for this material.

Contains no SARA Title III, Section 313 notification chemical present at or above the de minimus concentration.

German Water Hazard Classification VwVwS: WGK class 1 (low hazard to water).

HMIS: 0,0,0

### **SECTION 16: OTHER INFORMATION**

This SDS was last reviewed: 10/2018

The following sections contain revisions or new statements: All sections.

EC Classification No. 67/548/EEC Not classified as dangerous for supply/use.

GHS Classification Not classified as dangerous for supply/use.

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