



**SAFETY DATA SHEET**  
**Regulation (EC) No 1907/2006 (REACH)**

(Revision: 1/10/2019; Supersedes: 6/17/2015)

**Section 1 Identification of the Substance/Preparation and of the Company/Undertaking.**

**1.1 Product Identifier**

**Product Type:** Glass Beads

**Trade Name:** Glass Oxide

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**

**Product Use:** Removal of investment from Crown & Bridge alloys and pressable ceramics.

**Uses Advised Against:** For professional use only.

**1.3 Details of the Supplier of the Substance or Mixture**

**Manufacturer:**

Whip Mix Corporation  
 361 Farmington Avenue  
 Louisville, Kentucky, USA 40209  
 Emergency Telephone Number: (502) 634-1451  
 Fax Number: (502) 634-4512

**EU Importer**

Whip Mix Europe GmbH  
 Wißstrasse 26 – 28  
 D – 44137 Dortmund  
 Germany  
 +49 (0) 231 / 567 70 8-0

**1.4 Emergency Telephone Number**

**Transportation Emergencies:** *CHEMTREC 1(800) 424-9300 (U.S. and Canada)*  
*International Calls: 1- 703-527-3887 (Collect calls accepted)*

**Other Product Information:** [www.whipmix.com](http://www.whipmix.com)

**Section 2 Hazard Identification**

**2.1 Classification of the Mixture:**

**CLP/GHS Classification (1272/2008):**

Health Hazards	Physical Hazards	Environmental Hazards
Not Hazardous	Not Hazardous	Not Hazardous

**EU Classification (67/548/EEC):** Not dangerous

**2.2 Label Elements**

None required

**2.3 Other Hazards:** None

**Section 3 Composition/Information on Ingredients.**

<u>Substance</u>	<u>CAS No. / EC Number</u>	<u>%</u>	<u>CLP/GHS Classification (1272/2008)</u>
Glass Oxide	65997-17-3 / 266-046-0	100	Not hazardous

See Section 16 for full text of GHS.

**Section 4 First-Aid Measures.**

**4.1 Description of First Aid Measures**

**Inhalation:** Remove to fresh air. If irritation persists, get medical attention.

**Eyes:** Flush eyes with large quantities of water, holding the eyelids apart. If irritation persists, consult a physician.

**Skin:** Wash skin with soap and water. If irritation persists, get medical attention.

**Ingestion:** If large amounts are swallowed or if irritation or discomfort occurs, get medical attention.

**4.2 Most Important symptoms and effects, both acute and delayed:** May cause mechanical eye and skin irritation. Inhalation of may cause upper respiratory tract irritation.

**4.3 Indication of any immediate medical attention and special treatment needed:** Immediate medical attention is not required.

### Section 5 Fire-Fighting Measures.

**5.1 Extinguishing Media:** Use media appropriate for the surrounding fire.

**5.2 Special Hazards Arising from the Substance or Mixture:** This product is not flammable or combustible.

**5.3 Advice for Fire-Fighters:** Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Cool fire exposed containers with water.

### Section 6 Accidental Release Measures.

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Wear protective clothing and equipment as described in Section 8. Promptly clean up spills.

**6.2 Environmental Precautions:** Report releases as required by local and national authorities.

**6.3 Methods and Material for Containment and Cleaning Up:** Carefully sweep up or vacuum up and place into an appropriate container for reuse or disposal. Avoid generating dust. Caution - can cause extremely slippery surfaces.

**6.4 Reference to Other Sections:** Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

### Section 7 Handling and Storage.

**7.1 Precautions for Safe Handling:** Avoid breathing dust. Avoid contact with eyes, skin and clothing. Use with adequate ventilation.

**7.2 Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, dry, well-ventilated location. Keep containers tightly closed.

**7.3 Specific end use(s):**

**Industrial uses:** None identified

**Professional uses:** Removal of investment from Crown & Bridge alloys and pressable ceramics

### Section 8 Exposure Controls/Personal Protection

#### 8.1 Control Parameters:

Glass Oxide (as PNOC)	5 mg/m <sup>3</sup> TWA (respirable), 15 mg/m <sup>3</sup> TWA (total dust) OSHA PEL
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#### 8.2 Exposure Controls:

**Recommended Monitoring Procedures:** None.

**Appropriate engineering controls:** Use adequate general or local exhaust ventilation to minimize exposures levels.

#### Personal Protective Measurers

**Respiratory protection:** None normally required. If the exposure levels are exceeded and irritation is experienced an approved dust/mist respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

**Skin protection:** Impervious gloves such as rubber recommended..

**Eye protection:** Chemical safety glasses are recommended.

**Other:** None.

### Section 9 Physical and Chemical Properties.

#### 9.1 Information on basic Physical and Chemical Properties

**Appearance:** White glass beads  
**Odor:** Odorless

**Odor threshold:** Not applicable  
**Melting point/freezing point:** 1346°F (730°C)  
**Flash point:** Not flammable  
**Flammability (solid, gas):** Not applicable  
**Flammable limits: LEL:** Not applicable  
**Vapor pressure:** Not applicable  
**Relative density:** 2.46-2.49  
**Partition coefficient: n-octanol/water:** Not applicable  
**Decomposition temperature:** Not applicable  
**Explosive Properties:** Not applicable

**pH:** Not available  
**Boiling point:** Not applicable  
**Evaporation rate:** Not applicable  
**UEL:** Not applicable  
**Vapor density (air = 1):** Not applicable  
**Solubility In Water:** Insoluble  
**Auto-ignition temperature:** Not applicable  
**Viscosity:** Not applicable  
**Oxidizing Properties:** Not applicable

**9.2 Other Information:** None available

### Section 10 Stability and Reactivity.

**10.1 Reactivity:** None known.  
**10.2 Chemical stability:** Stable  
**10.3 Possibility of hazardous reactions:** None known.  
**10.4 Conditions to avoid:** Molten material may cause thermal burns.  
**10.5 Incompatible materials:** Avoid contact it strong acids.  
**10.6 Hazardous decomposition products:** None known.

### Section 11 Toxicological Information.

#### 11.1 Information on Toxicological Effects:

##### Potential Health Effects:

**Eyes:** Dust may cause mechanical irritation.

**Skin:** Dust may cause mechanical irritation.

**Ingestion:** No adverse effects expected for normal, incidental ingestion. Large amounts may cause gastrointestinal blockage and discomfort.

**Inhalation:** Inhalation of may cause irritation of the eyes, nose and upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.

**Chronic Health Effects:** None known.

##### Acute Toxicity Data:

Glass Oxide: Oral rat LD50 > 5000 mg/kg

### Section 12. Ecological Data.

#### 12.1 Ecotoxicity:

Glass Oxide: No data available

**12.2 Persistence and degradability:** This product is persistent but inert in aquatic organisms.

**12.3 Bioaccumulative potential:** This product does not bioaccumulate.

**12.4 Mobility in soil:** Insoluble in water. Sinks in water.

**12.5 Results of PBT and vPvB assessment:** Not required.

**12.6 Other adverse effects:** Not required.

### Section 13. Disposal Considerations.

**13.1 Waste Treatment Methods:** Dispose in accordance with all national and local regulations.

**Section 14. Transport Information.**

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
Canadian TDG		Not Regulated			
EU ADR/RID		Not Regulated			
IMDG		Not Regulated			
IATA/ICAO		Not Regulated			

**14.6 Special precautions for User:** Not applicable

**14.7 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Section 15 Regulatory Information.****15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****US Regulations**

**SARA Section 313 (40 CFR 372):** This product contains the following toxic chemical(s) subject to reporting requirements of SARA 313: None

**SARA Section 311/312 (40 CFR 370) Hazard Categories:** Not hazardous

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Toxic Substances Control Act (TSCA):** All of the components of this product are listed on the TSCA inventory

**California:** This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity: None

**International Chemical Inventories**

**Australia:** All of the components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

**Canadian Environmental Protection Act:** All of the components of this product are listed on the Canadian Domestic Substances List (DSL) or exempt.

**Toxic Substances Control Act (TSCA):** All of the components of this product are listed on the TSCA inventory.

**German Water Hazard Class (VwVwS):** 1

**16. Other Information.**

HMIS Rating: Health 0 Flammability 0 Reactivity 0  
*Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum*

CLP/GHS Classification and H Phrases for Reference (See Section 3)

None

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