



# Material Safety Data Sheet

This MSDS is authoring based on the data supplied by and identified on behalf of the client.

Sample Name: Dental Glass Ceramic  
Client Name: Aidite (Qinhuangdao) Technology Co.,Ltd.  
Client Address: No. 9 Dushan Road, Economic and Technological  
Development Zone, Qinhuangdao City China  
MSDS No.: 67341702  
Issue Date: January 18, 2021

Signed for and on behalf of  
Regu (shenzhen) Co., Ltd.

  
  
David Chen  
Approved signatory

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## 1. Identification of the Substances/Preparation and of the Company/Undertaking

### Product Details

Product Name: Dental Glass Ceramic

Manufacturer: Aidite (Qinhuangdao) Technology Co.,Ltd.

Address: No. 9 Dushan Road, Economic and Technological Development Zone,  
Qinhuangdao City China

Emergency Telephone: +86 335-8587898

## 2. Hazards Identification

### Classification of the substance or mixture

This product is not classified as dangerous according to the GHS (The Globally Harmonized System of Classification and Labelling of Chemicals).

### GHS Label elements

**Pictogram(s):** No pictogram is used.

**Signal word:** No signal word is used.

**Hazard statements:** No hazard statement.

**Precautionary statements:** No precautionary statement.

**Additional Hazards:** None. This product is regarded as articles; no substances are intended to be released and will be safe for consumer during normal handling.

## 3. Composition/Information on Ingredients

### Chemical Characterization

Composition:

Dental Glass Ceramic is regarded as articles. Consist of the following ingredients.

Substance	CAS #	Amount%
Silicon dioxide SiO <sub>2</sub>	7631-86-9	60±5%
Lithium Oxide Li <sub>2</sub> O	12057-24-8	20±5%
Aluminium Oxide Al <sub>2</sub> O <sub>3</sub>	1344-28-1	7±5%
Potassium oxide K <sub>2</sub> O	12136-45-7	7±5%
Other Oxide	Proprietary	5±5%

## 4. First-Aid Measures

**Eye Contact:** Not expected to contact eyes under normal usage. If contact eyes, Flush eyes with plenty of

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water, occasionally lifting the upper and lower eyelids.

**Skin contact:** Not required for first aid normally.

**Inhalation:** Cannot be inhaled as whole solid.

**Ingestion:** Ingestion is not a likely exposure under normal conditions. If ingested, Rinse mouth with water. Get medical attention if necessary. Never give anything by mouth to an unconscious person.

**Advice to doctor:** Treat symptomatically.

## 5. Fire-Fighting Measures

**Flammability of the Product:** Incombustible.

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** None known.

**Special hazards arising from the substance or mixture:** No data available.

**Advice for firefighters:** Wear self-contained breathing apparatus and standard firefighting equipment for firefighting if necessary.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Not required.

**Environmental precautions:** No special environmental precautions required.

**Methods and materials for containment and cleaning up:** No special measures required. Pick up or sweep up mechanically.

## 7. Handling and Storage

### Handling

**Advice on Safe Handling:**

No special measures required. Safe for consumer during normal handling.

### Storage

**Requirements for Storage:** No special storage necessary. Store in dry and cool place. Not a toy and must therefore be stored away from children.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:** Not established for the finished product.

**Engineering Controls:** General industrial hygiene practice.

**Personal protective equipment:**

**Respiratory Protection:** Not required.

**Eyes Protection:** Not required.

**Body Protection:** Not required.

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**Hands Protection:** Not required.

**Other Protections:** No special other protections required.

## 9. Physical and Chemical Properties

General Information	
Form:	Solid
Color:	White
Odor:	Odorless
pH:	N/A
Melting Point/Range:	N/A
Boiling Point/Range:	N/A
Percent Volatility:	N/A
Flash Point:	N/A
Density:	≈2.4 g/cm <sup>3</sup>
Vapor Pressure:	N/A
Vapor Density:	N/A
Evaporation Rate & Reference:	N/A
Solubility in Water:	Insoluble in water.
Explosion Limits in Air - Upper :	N/A
Explosion Limits in Air - Lower:	N/A

## 10. Stability and Reactivity

**Stability:** Stable under normal temperature and pressure.

**Hazardous reactions:** None hazardous reactions known.

**Incompatibility (Materials to Avoid):** Hydrofluoric acid.

**Conditions to Avoid:** No data available.

**Hazardous Decomposition and/or Combustion Products:** Other decomposition products - no data available. In the event of fire: see section 5.

## 11. Toxicological Information

**Acute toxicity:** No information available.

**Skin corrosion/irritation:** No irritating effect.

**Serious eye damage/irritation:** No irritating effect.

**Respiratory sensitization:** No sensitizing effects known.

**skin sensitization:** No sensitizing effects known.

**Carcinogenicity:** No known significant effects or harm.

**Germ Cell Mutagenicity:** No known significant effects or harm.

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**Reproductive Toxicity:** No known significant effects or harm.

**STOT-Single Exposure:** No known significant effects or harm.

**STOT-Repeated Exposure:** No known significant effects or harm.

**Aspiration Hazard:** No aspiration hazard.

**Potential Health Effects:**

This product is regarded as articles; no substances are intended to be released and will be safe for consumer during normal handling.

**Inhalation:** No irritating effect.

**Skin Contact:** Safe for direct skin contact.

**Eye Contact:** No irritating effect.

**Ingestion:** Ingestion is unlikely under normal conditions.

## 12. Ecological Information

**Ecotoxicity:** This product, when used under reasonable conditions and in accordance with the directions for use, should not present an environmental hazard.

**Bioaccumulative potential:** No data available.

**Persistence and Degradability:** No data available.

**Results of PBT and vPvB assessment:** PBT: Not applicable. vPvB: Not applicable.

**Other adverse effects:** No data available.

## 13. Disposal Considerations

**Safe handling and methods of disposal**

Small quantity can be disposed of as household waste. As for big quantity, Recycle if possible. Observe all federal, state, and local environmental regulations. Offer surplus and non-recyclable products to a licensed disposal company.

## 14. Transport Information

**ADR/RID Information**

**ADR-UN Number:** Not classified for transport

**ADR-Class:** Not classified for transport

**ADR-Shipping Name:** Not classified for transport

**ADRPacking Group:** Not classified for transport

**IATA/ICAO Information**

**IATA-UN Number:** Not classified for transport

**IATA-Class:** Not classified for transport

**IATA-Shipping Name:** Not classified for transport

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**IATA-Label:** None

**IATA-Packing Group:** Not classified for transport

**IATA-S.P.:** None

**IATA-ERG:** None

## IMO/IMDG Information

**IMDG-Marine Pollutant:** No

**IMDG-UN Number:** Not classified for transport

**IMDG-Class:** Not classified for transport

**IMDG-Shipping Name:** Not classified for transport

**IMDG-Packing group:** Not classified for transport

**IMDG-Storage Category:** Not classified for transport

## 15. Regulatory Information

### International Regulations

#### EU Regulations

**Classification according to 67/548/EEC or 1999/45/EC**

Not classified

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Not classified.

#### US Regulations

**TSCA Inventory Status:** All of the components of this product are listed or exempt from the TSCA inventory.

**OSHA:** None of the components in this product are considered highly hazardous by OSHA.

**Health & Safety Reporting List:** None of the components are on the Health & Safety Reporting List.

#### Canadian Regulations

**DSL /NDSL Status:** All components of this product are on the Canadian DSL list.

## 16. Other Information

**Abbreviations:** pH - Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline

OSHA- Occupational Safety and Health Administration

NTP – National Toxicology Program

IARC- International Agency for Research on Cancer

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds

ACGIH – The American Conference of Governmental Industrial Hygienists

ADR –Agreement on Dangerous Goods by Road

RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail

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ICAO –International Civil Aviation Organization  
IMDG - International Maritime Dangerous Goods  
IMO – International Marine Organization

## Further Information:

-This safety data sheet was prepared in accordance with UN GHS Rev.7, The EU CLP REGULATION (EC) No 1272/2008, and ANSI Z400.1.

--This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

\*\*\*\*\*End\*\*\*\*\*