

Material Safety Data Sheet

1. Product and Company Identification

Product Identification : Kyoto Opal (SiO₂+Resin)
 Manufacture's Name : KYOCERA CORPORATION
 Address : 11-17 Koga-Hon-Machi, Fushimi-ku, Kyoto 612-8492 Japan
 Phone : 075-933-5121 Kyoto Fushimi Plant (Japan)
 Telefax : 075-933-7593 Kyoto Fushimi Plant (Japan)
 Contact to : Jewelry & Application Products Division Jewelry Department

2. Composition / Information on Ingredients

Single Product Compound : Single Constituent

Ingredient Name	Silicon Oxide	Epoxy Resin
mass%	80%	20%
CAS No.	7631-86-9	-

3. Summary of Danger and Harm

Dangerousness : Not found
 Hazardous Property : Not found
 Environmental Impact : Not found

4. First Aid Measures

Inhalation : Move to and rest at a place with clean air and consult medical personnel if necessary.
 Skin : Wash exposed area with plenty of clean water.
 Eyes : Irrigate eyes with clean water immediately for at least 15 minutes and consult medical personnel.
 Ingestion : Consult medical personnel.

5. Fire Fighting Measures

Extinguishing Media : A powdered fire-extinguishing chemical, foam fire-extinguishing chemical, and carbon dioxide are effective.
 Protective Measures for Person Extinguishing : Use applicable extinguishing materials

6. Accidental Release Measures

Removal Measures : Collect the remainder in an empty container that can be sealed up.
 Wash the remaining with tons of water.

7. Handling and Storage

Warning for handling : There are no big effects to the human body as it is a stable material but note that as some parts are hard, and sharp it needs to be handled with care.
 Warning for storage : Store in dried room.

8. Exposure Control and Personal Protection

Equipment measures : The use of water when cutting is recommended to avoid rising dust. The use of a local exhaust ventilation is recommended to avoid inhalation of dust during work.
 Protective equipment : Wear if necessary
 <respiratory protective device> hazard mask
 <protective spectacles> safety glasses
 <protective gloves> protective gloves
 <protective clothes> work clothes
 Allowable concentration : Japan Society for Occupational Health N/A
 ACGIH N/A

9. Physical / Chemical Properties

Appearance	: Solid, unfixed form
Color	: White, Blue,yellow,pink,red,green,black,brown
Odor	: Scentless
Boiling Point	: Not applicable
Melting Point	: Not applicable
Flash Point	: Not applicable
Flammable Limits	: Not applicable
Explosion Limit	: No upper limit No lower limit
Vapor Pressure	: Not applicable
Specific Gravity	: 1.8~1.9
Solubility in Water	: Insoluble

10. Stability and Reactivity

Stability	: Stable under normal usage
Conditions to Avoid	: Not found
Materials to Avoid	: Not found
Hazardous Decomposition Products	: Not found

11. Hazardness Property Information

Acute toxicity	: Not found
Skin corrosivity / stimulation	: Not found
Serious damage / stimulation to eyes	: Not found
Carcinogenicity	: Not found

12. Environmental Influence Information

Ecotoxicity	: Not found
Persistency and Resolution	: Not found
Ecology Accumulation	: Not found
Mobility	: Not found

13. Disposal Considerations

Waste Disposal	: Dispose by burying in the ground
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14. Transport Information

Air	:Transport in accordance with ICAO-TI/IATA-DGR.
Sea	:Transport in accordance with IMDG Code.
UN Number	: Not applicable
UN Classification	: Not applicable
Seawater Pollution Material	: Load with care to avoid damage during transpotation

15. Applicable Laws and Regulations

None

16. Other Information

Inquiries of content of description
KYOCERA CORPORATION Jewelry & Application Products Division Jewelry Department
TEL : 075-933-5121
FAX : 075-933-6055

Attention The information will be revised according to new information. Although the information was obtained from reliable sources, the accuracy and completeness cannot be guaranteed. Also the instructions are meant for regular usage and for special usage please take necessary precautions.