

# Material Safety Data Sheet

## Chemical Substances and Company Information

Product name (glass type) Quartz glass (SK-1300,SK-1310)  
Name of manufacturer Ohara Quartz Co., Ltd.  
Address 1850, Minato, Wakayama-Shi, Wakayama  
Name of section Sales Division  
Telephone number +81-50-3537-5454  
Facsimile number +81-736-66-9016  
Date of creation March 14, 2019  
Date of revision Rev.0

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## Composition/Information

Trade name /  
Chemical name Synthetic fused silica products  
Component Silica (Silicon dioxide)  
Percent More than 99.5%  
Chemical formula  $\text{SiO}_2$   
CAS# 60676-86-0

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## Hazards Identification

Synthetic fused silica is physically and chemically stable and is not hazardous.

Hazardous property : Not in particular  
Danger : Sharp edges and scattering pieces are hazardous. Avoid contact with broken or sharp edges.  
Environmental effects : No ecotoxicity data is available. As product is inert, it is not assumed to cause an environmental hazard.

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## First Aid Measures

Eye contact : When sharp edge may cause injury, wash eyes promptly with clean water. If necessary, obtain a medical diagnosis.  
Mouth contact : In case a piece is swallowed and there might be the injury by a sharp edge, take a medical advice promptly.  
Skin contact : Wash skin with clean water, then obtain a medical diagnosis, if necessary.  
Cut and abrasion : Disinfect cut and abrasion, and stop bleeding immediately. If necessary, obtain a medical diagnosis.

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## Fire-Fighting Measures

Since synthetic fused silica is nonflammable, any extinguishing agent may be used.

Extinguishing measures : Although synthetic fused silica is nonflammable, some packaging materials are flammable. Move them to safe place.  
Extinguishing agent : Since synthetic fused silica is nonflammable, extinguishing agent is not necessary. For some flammable packaging materials, use dry chemical, carbon dioxide, foam, and water .

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## Toxicological Information

Acute toxicity	:	None
Carcinogenicity	:	IARC Group 3 – Human Inadequate Evidence, Animal Inadequate Evidence
Chronic toxicity	:	None
Skin corrosion	:	None
Irritative	:	None
Dust toxicity	:	Dust may cause pneumoconiosis or lung cancer.
Mutagenicity	:	None
Teratogenicity	:	None

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## Ecological Information

Degradability	:	None
Bioaccumulation	:	None
Ichthyotoxicity	:	None

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## Disposal Considerations

Handle with care not to touch broken edge, and mind not scattering broken pieces.

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## Transport Information

Load properly to avoid cargo collapse, fall, tumble and damage. Be mindful of breakage in transportation time.

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## Regulatory Information

Not applicable in Japan

- Please confirm applicability of laws and regulations depending upon the site scale, installed capacity, and the like.
  - Make sure you are aware of and adhere to all applicable local regulations.
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## Other Information

Contact us if you wish to melt down glass for recycling or other purposes.

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