

Safety Data Sheet

Introduction

The European Regulation (ER) on Chemicals No. 1907/2006 (REACH) enforced on June 1st, 2007 does only require Safety Data Sheet (SDS) for hazardous substances and preparations. This glass products are Articles under REACH and therefore, no SDS is legally required, however, we decide to provide our customers with the appropriate information for assuring the handling and use of our glass products through this SDS.

1. Product and company identification

Product name : BS (BC)
Manufacturer : Nippon Electric Glass Co., Ltd.
Address : 7-1, Seiran 2-chome, Otsu Shiga Japan 520-8639
Division in charge : Consumer Glass Products Division, Production
Information telephone : +81-77-537-1700
Facsimile : +81-77-534-2387

2. Hazards identification

Most important hazards and effects of the product :

There is no public-known information about the hazards of the product at present. But if the product is exposed to the solutions of acid or alkali, the hazardous substance may be leached out.

3. Composition / Information on ingredients

Substance, preparation or article : Article
Common Chemical name : Borosilicate glass ($R_2O \cdot B_2O_3 \cdot SiO_2$ glass)
CAS No. : 65997-17-3

4. First-aid measures

Take the following first-aid measures when dust are generated by cutting, grinding and so on.

Inhalation : Blow your nose and gargle well. Seek medical attention if you feel some itching or irritation in the nose and/or throat.

Skin contact : Wash out with water and soap.

Eye contact : Do not rub eyes. Rinse the eye with running water well until all particles are felt to be removed from the eyes. Seek medical attention if irritation persists.

5. Fire-fighting measures

Extinguishing media : No special extinguishing media is required.

Fire fighting procedure : No special fire fighting procedure is required.

Other information : The product is not combustible.

6. Accidental release measures

Personal precautions: Broken glass fragments have sharp edges like a knife. Wear safety glasses, protective gloves and appropriate protective clothing when cleaning.

Environmental precautions: Hazardous substance may be leached out when the product contacts with the solutions of acid or alkali.

Methods for cleaning up: Broken glasses should be collected with a vacuum cleaner in order to avoid dispersion of the minute particles.

7. Handling and storage

Handling : Improper handling methods could cause accidents. In the event of an accident, exposed edges are very dangerous and should be handled with extreme caution. The use of protective gloves safety glasses and clothing is mandatory.

Storage : No special precautions are required.

8. Exposure controls / personal protection

Engineering measures : Install localized ventilation unit in workplace where a lot of minute glass particles under 10 μ m are generated when handling the product.

Threshold Limit Value : OSHA: 5mg/m³ TWA (respirable dust)

Respiratory protection : Protective mask (dust mask)

Hand protection : Protective gloves (such gloves as made of polyamide fiber with high resistance to cutting)

Eyes protection : Safety glasses (Goggles)

Skin and body protection: Protective clothes (top garment with long sleeves and long pants)

9. Physical and chemical properties

Appearance : Transparent tubing

Odor : None

pH : Not applicable

Melting point : (Softening Point) approx. 780 °C

Specific Gravity (25°C) : Approx. 2.3 (bare glass)

Solubility (in water) : Insoluble

10. Stability and reactivity

Stability : Stable at normal condition

11. Toxicological information

Acute toxicity : Not classified

Skin corrosion property / Irritation : Not classified

Critical damage and Irritation to eye : Not classified

12. Ecological information

Persistence/degradability: No data available

Bioaccumulation : No data available

13. Disposal consideration

Handle in the same manner as general industrial wastes. Disposal shall be made in compliance with applicable acts, laws and regulations.

14. Transport information

Not applicable

This product is not hazardous according to EU Directive 67/548/EEC, 99/45/EC and their amendments. No correspondence to UN classification and UN number.

15. Regulatory information

This product is not classified as a "Dangerous Substance" or "Dangerous Preparation" according to EU-Directives 67/548/EEC, 1999/45/EC and amendments.

This product complies with all other national or local regulations regarding the use, transport, recycling, reuse, or disposal.

This product is considered an article and is exempted from requirements of TSCA, REACH, EINECS, DSL, AICS and so on.

Existing registration of chemical substances in the major countries

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- Registration, Evaluation, Authorization and Restriction of Chemicals (REACH regulation in the EU)
 - EINECS No. Not applicable
 - CAS No. Not applicable
 - Registered names: (Article)
 - European Inventory of Existing Commercial Substances.
 - EINECS No. 266-046-0
 - CAS No. 65997-17-3
 - Registered names: Glass, oxide, chemicals
 - Inventory of Toxic Substances Control Act (TSCA) in the US
 - CAS No. 65997-17-3
 - Registered names: Glass, oxide, chemicals
 - Current chemical substances registration in China
 - CAS No. 65997-17-3
 - Registered names: Glass, oxide, chemicals

16. Other information

This information is prepared according to the information and data available to us at present. The content will be revised when new information is discovered. The cautions shown in this information are applicable in the case of normal handling and use of the product. If you use the product under special condition and purpose, possible safety precautions should be taken.

The content of this SDS is to supply just information, not to give any warranty.

This SDS complies with GHS (The Globally Harmonized System of Classification and Labeling of Chemicals).
