Material Safety Data Sheet of the Glass Bottles

Identification of the product	Soda-lime Materials Glass Production Glass Bottle , REF NO.:5ML,10ML,30ML,50ML,100ML
Product	Type : Cylinder
Use of the product	• Packing of the pharmaceuticals • The item is not a toy • The item is not an edible item
Name of the company who has manufactured	Pharmapack Glass Co.,ltd
Name of the department for contact	Quality Assurance-corporate
Hazards :	Visualized
Health:	• Wear hand gloves so as to avoid any minor injury to fingers from chipped glass,if present
Environment:	• Wash with water and use for recycling • Non hazardous wast • Do not throw on unapproved land/fill site
Fire:	• Non flammable
Composition/information on ingredients	• Normally contains the oxides of the following Sio2-Cao-B2O3-MgO-Al2O3-BaO-K2O-Na2O
For hazardous aspects of the element;please refer their material safety data sheets.	• Oxides shall not give decomposed upto 500’C • Beyond 500’C oxides decompositions profile not yet developed by the conpany.
First Aid Measure: Inhalation	• Not applicable
Skin cantact	• When cut,wash the cut area with water and consult the doctor

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Eye contact	• Consult the doctor
Ingestion	• Throw the glass piece out.Consult the doctor if the vials has intered in side the stomach..Never keep vial in the mouth/on lips or any other parts.Always use hand gloves.
Fire extinguishing	• The boxes may get fire when vials/packed.Packing material inflammble. • For fire extinguishing,preferred media is water.Take into account the surrounding where boxes have caught fire.Consult EHS expert of the area.
Protective equipment for fire fighters	•Suitable protective equipment.Selfcontained breathing apparatus may be needed in confined space.
Accidental release measures	• The material is solid material-vials and bottles.Hence at normal temperature it does not flow at all. • At higher temperature,it shall melt and flow • Cool it down.Wash. And re use for making vials.
Handling and storage	• Ensure ventilation to boxes • Glass vials must be handled with care • Handle with care.Glass vials get broken when not handle with care. • Protection from light not required
Exposure control/personnel protection	• Not applicable
Physical and chemical properties	• Material:glass • Packing material:Corrugated Box/Plastic flims/trays. • Transparent • Non-soluble • Almost negligible PH • Non-reactive • Neutral in nature
Melting point	• 1000 Centigrade appox
Flammable	• Normally not
Stability	• By theory,glass vials are stable as galss material.

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Toxicological	• By knowledge of literature on glass vails are not toxic(when metals like arsenic ect.)do not exceed the prescribed limits.
Ecological information	• Data is lacking • Nearer to non-toxic when arsenic and other toxic metals are within prescribed limits
Disposal information	• When fresh and unused for filling;these are non hazardous • When filled and broken;wash it Recommendably with water.Do the presence of the toxic element on the washed bottles. • Recycle to the waster collector for re-use by the glass industry •Recommend not to use the refilling of the medicines once it has been used • Consult the view of the local government pollution control authorities.
Packing materials	• Non-hazardous • May dispose for commercial purpose/re use with the approval of the local govt,pollution control authorities
Transport information IMDG:Intermaritime Dangerous Goods Rules./Codes	• Glass vials not classified as dangerous goods.Refer IMDG codes and writ exactly what they have written

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