

Material Safety Data Sheet

Section I / Product Identification

Manufacturer's Name	Emergency Telephone No.
Nippon Electric Glass Co., Ltd.	077-537-1700
Consumer Glass Products Production Department, Otsu	

Address(Number, Street, City, State, and Zip Code)
 7-1, Seiran 2-Chome, Otsu-Shi, Shiga, Japan 520-8639

Chemical Name and Synonyms	Trade Name and Synonyms
Lithium aluminum silicate glass	Neoceram N-0
(CAS# : None TSCA# : 65997-17-3 EIEECS# :)	

Chemical Family : Glass	Formula : N/A(Not Applicable)
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Section II / Hazardous Ingredients

Name	%	TLV(ACGIH)	LD50	CAS#	TSCA#	EINECS#
SiO2	>60	10mg/m ³	N/A	7631-86-9	Reg	2315454
AL2O3	>20	10mg/m ³	N/A	1344-28-1	Reg	2156916
Li2O	> 1	—	N/A	12057-24-8	Reg	2350195
P2O5	> 1	—	N/A	1314-56-3	Reg	2152361
TiO2	> 1	10mg/m ³	N/A	13463-67-7	Reg	2366755
BaO	> 1	0.5mg/m ³	N/A	1304-28-5	Reg	2151279
As2O3	< 1	0.2mg/m ³	N/A	1327-53-3	Reg	2154814
Sb2O3	< 1	0.5mg/m ³	N/A	1309-64-4	Reg	2151750

Hazardous Mixtures of Other Liquids, Solids, or Gases : % TLV(ACGIH)
 None

Section III / Physical Data

Boiling Point(F)	N/A	Melting Point	N/A
Vapor Pressure(Pa)	N/A	Specific Gravity(H2O=1)	2.51
Vapor Density(Air=1)	N/A	Percent Volatile by Volume(%)	/A
Solubility in Water	None	Evaporation Rate	N/A
Appearance and Odor	Glass, No odor		

Section IV / Fire and Explosion Hazard Data

Flash Point(Method used)	None	Flammable Limits	Lel Uel
		Non Flammable	

Extinguishing Media Non Fire Hazard (Water for the packaging materials.)

Section IV / Fire and Explosion Hazard Data

Special Fire Fighting Procedure None

Unusual Fire and Explosion Hazards None

Section V / Health Hazard Data

Threshold Limit Value : ACGIH-TLV ; 10mg/m³ of total dust(glass).

No respirable dust.

Effects of Overexposure

Eye(Contact) : Not know but non-toxic.

Skin(Contact and Absorption) : Not know but non-toxic.

Inhalation(Breathing) : Not respirable.

Ingestion(Swallowing) : Non-toxic(extensive studies have revealed no serious effects.)

Emergency and First Aid Procedures

Eye(Contact) : First rinse with plenty of water for several minutes (remove contact lenses if easily possible),then take to a doctor.

Skin(Contact) : Wash with warm water and mild soap.

Inhalation(Breathing) : Not respirable, no treatment necessary.

Ingestion(Swallowing) : Induce vomiting, no treatment necessary.

Section VI / Reactivity Data

Stability	Unstable : —	Conditions Avoid : N/A
	Stable : X	

Incompatibility(Materials to avoid) : None

Hazardous Decomposition Products : None

Hazardous	May Occur : —	Conditions to Avoid : N/A
Polymerization	Will not occur : X	

Section VII / Spill or Leak Procedures

Step to be Taken in Case Material is Released or Spilled :

Collect the released or spilled material by using a vacuum cleaner.

Waste Disposal Method :

Components of this product is considered hazardous.

Consult applicable acts, laws and regulations including local regulations for allowable disposal methods. Disposal shall be made in compliance with those acts, laws and regulations.

Section VIII / Special Protection Information

Respiratory Protection (Specify type) : N/A

Section VIII / Special Protection Information

Ventilation	Local Exhaust : Required to keep TLV.	Special : —
	Mechanical(General) : N/A	Other : —

Protective Gloves : General Purpose Eye Protection : Safety glass(Goggles)

Other Protective Equipment :

Handling : This article can be broken by handling in certain cases. Broken glass fragments have knife-sharp edges and can cut hands. Wear safety glasses, thick gloves and appropriate clothing.

Storage : Nothing particular.

Section X / Special Precautions

Precautions to be Taken in Handling and Storing :

Store in a dry place. No other Precautions necessary.
