



SAFETY DATA SHEET

2009.10.09. Version

1. Substance/preparation and company identification

Product: **3D powder and 3D balls**
Use: D.I.Y. application
Company: www.powertex.be
Powertex International Strombeeksesteenweg 205 1800 KONINGSLO-
VILVOORDE - BELGIË T +3223106090 - F +3223106699

2. Hazard identification:

No particular hazards known.
By destruction of the granules structure at improper use the dust may cause irritations at eyes and respiratory tract.

3. Composition/information on ingredients:

Chemical nature: - Soda Lime Glass.

4. First-aid measures:

General advice: Remove contaminated clothing.
If inhaled: Keep patient calm, remove to fresh air, and seek medical attention.
On skin contact: Wash thoroughly with soap and water.
On ingestion: There are not known any effects. Irritations of the mouth, trachea, stomach and intestines are possible. Rinse mouth immediately and then drink plenty of water, seek medical attention.
On contact with eyes: Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

5. Fire-fighting measures:

General information: Not applicable. This product is non-combustible. Also there is no special risk by its preparation or the comprised elements.
Suitable extinguishing media:
Water-spray, foam, dry extinguishing media and carbon dioxide.
Use extinguishing media appropriate to the primary cause of fire.



6. Accidental release measures:

Personal precautions:	Clean up with the appropriate personal equipment (see point 8.).
	The usage of a particle filtered protective mask is indicated.
Environmental precautions:	Prevent material from entering rivers, lakes, canals, drains, and soil.
Spillage:	Dispose spillage in accordance with Section 8. Sweep or vacuum the spillage and waste it properly.

7. Handling and storage:

Handling:	Keep place well ventilated! Avoid contact with eyes. Avoid ingestion or inhalation.
Storage:	Store protected from humidity. Max. blowing pressure 0,8bar.

8. Exposure controls and personal protection:

Eye protection:	Use safety eyewear with side shields to protect against eye contact.
Body protection:	Wear personal protective equipment. Wear general purpose work suite to protect skin from irritation.
Hand protection:	For prolonged or repeated handling, use gloves.
Respiratory protection:	Keep place well ventilated! The usage of a particle filtered protective mask P2 is required.
Other information:	Smoking, eating and drinking should be prohibited in application area. Keep vessel tightly closed.

9. Physical and chemical properties:

Form:	Solid/ powder or granules.
Colour:	White.
Odour:	Odourless.
Solubility in water:	Water-insoluble.
pH:	8-10.
Density:	100 g/l H ₂ O (20 °C) 10,7
Melting point:	Approx. 900°C (published values of container glass)

10. Stability and reactivity:

Stability:	Stable under normal temperature and pressure conditions.
Condition to avoid (stability):	Not applicable
Incompatibility (material to avoid):	Fluorhydric acid; material dissolves by generation of H ₂ SiF ₆
Hazardous decomposition or by-products:	Not applicable



11. Toxicological information:

No particular hazards known. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Eye contact: irritation may appear

Ingestion: irritations of the mouth, trachea, stomach and intestines may appear.

12. Ecological information:

Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected. Biological non-degradable as of mineral origin.

13. Disposal considerations:

The product is not environment or health dangerous in bounded statement. Must be dumped or incinerated in accordance with local regulations.

14. Transport information:

Not classified as a dangerous good under transport regulations (ADR, RID, ADNR, IMDG ICAO-TI, etc.)

Store protected from humidity. Max. blowing pressure 0,8bar.

15. Regulatory information:

The product does not require a hazard warning label.

Content: S-phrases (Safety Phrases):

S-24/25 Avoid contact with skin and eyes.

16. Other information:

The information contained in this data sheet reflects our current knowledge and experience. The safety data sheet describes our product in terms of safety requirements. The information in this Safety Data Sheet is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.