



MATERIAL SAFETY DATA SHEET

According to EC Directive 2001/58/EC

IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name: SODA-LIME GLASS BEADS – ALL GRADES

Application: Used in calibration, various industrial applications including blasting media, and functional additives.

Company: Whitehouse Scientific Ltd, Whitchurch Road, Waverton, Chester, CH3 7PB, England

Tel/Fax/Email: +44 (0) 1244 332626 / +44 (0) 1244 335098 / info@WhitehouseScientific.com

COMPOSITION / INFORMATION ON INGREDIENTS

Description:

Beads made of Soda-Lime glass

Chemical composition:

SiO₂ < 75% Na₂O < 15% CaO < 10% MgO < 5%

Coating (if applicable):

Silane based–Not exceeding 1% by volume or weight.

Cas-Number: Not applicable

EINECS-Number: Not applicable

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines (Dust):

No free SiO₂, all components amorphous/non-crystalline.

Respiratory Protection:

Use dust respirator where dust occurs. Cotton gloves usually sufficient to protect hands if irritation arises from handling this product.

Eye Protection: Safety goggles.

Skin Protection: Covering garments.

Additional Protective Equipment: Safety shower and eyewash fountain should be within direct access.

HAZARDS IDENTIFICATION

Eye Contact: May cause irritation

Skin Contact: May cause irritation

Inhalation: May cause irritation

Ingestion: Not known hazard

Chronic Hazards: Not known hazard

Hazardous Uses/Misuses: Not known

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid, Clear and Odourless

Safety Data:

Ph: 11-12

Melting Point: ~ 730°C

Specific Gravity: 2.5g/cm³

FIRST AID MEASURES

Eye contact: Flush eyes immediately for at least 15mins

Skin contact: Rinse skin with water

Inhalation: Remove to fresh air.

If problems persist consult physician.

Advice to Physician: Treat according to symptoms present

STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None

Materials to Avoid: None

FIRE FIGHTING MEASURES

Not applicable – This product is not combustible

TOXICOLOGICAL INFORMATION

Acute Effects: Not Applicable

Sub-chronic & Chronic: Not Applicable

ACCIDENTAL RELEASE MEASURES

Personal Precautions: S22: Do not breathe dust

S25: Avoid contact with eyes

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S51: Use only in well-ventilated areas

ECOLOGICAL INFORMATION

No ecological hazards are reported to be associated with this product.

Environmental Precautions:

Product very slippery when on surfaces.

Clean-Up Procedure:

Sweep, Scoop, or vacuum and remove.

DISPOSAL CONSIDERATIONS

Discard as non-hazardous inorganic solid waste, however we recommend verifying that any local laws may impose additional regulatory requirements regarding disposal.

HANDLING AND STORAGE

Handling: S22: Do not breathe dust

S25: Avoid contact with eyes

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S51: Use only in well-ventilated areas

Storage: Keep bags and containers well closed.

Keep dry. Avoid wet conditions.

TRANSPORTATION INFORMATION

Land transport: Non Hazardous for transportation purposes.

River/Canal-transport: Non Hazardous for transportation purposes.

Sea-transport: Non Hazardous for transportation purposes.

Air-transport: Non Hazardous for transportation purposes.

Other Information: May be sent by mail.

REGULATORY INFORMATION

Cautionary Label Phrases: Not Applicable

National Regulations: Not Applicable

OTHER INFORMATION

Soda-Lime Glass Beads refers to all Whitehouse Scientific brand names, (for various applications) unless otherwise stipulated.

It remains the users own responsibility to ensure that the information is appropriate and complete for his special use of this product.

The information contained herein is to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept liability for any loss or damage, however arising, which result directly or indirectly from the use of such information.