SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Sponge-Jet® Glass Bead Media™
Container size: Various

1.2. Relevant identified uses of the substance or mixture and uses advised against

Application: Abrasive

1.3. Details of the supplier of the safety data sheet

Manufacturer: Sponge-Jet, Inc.
14 Patterson Lane
Newington, NH 03801
Tel: 1-603-610-7950

Supplier: Aerotech Inspection & NDT Limited
Charlton Drive
Corgreaves Trading Estate
Cradley Heath, West Midlands
B64 7BJ
Tel: +44 (0)1384 564021
Fax: +44 (0)1384 638281

Responsible for safety data sheet authoring: sjadmin@spongejet.com

1.4. Emergency telephone number

Emergency telephone: +1 (603) 610-7950 US Time EST. 9am – 5pm

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS/CLP: The product is an article and are therefore not subject to classification and labelling.

Physical and Chemical Hazards: The hazardous properties of the product are considered to be limited.

Human health: May irritate eyes and respiratory system. Prolonged or repeated contact may cause skin irritation.

Environment: The product is not expected to be hazardous to the environment.

2.2. Label elements

The product is an article and are therefore not subject to classification and labelling.

2.3. Other hazards

Other: None known.
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

67/548/EEC:

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<th>REACH Reg. No:</th>
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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

**Inhalation:** Move into fresh air. Seek medical attention as needed.

**Skin contact:** Wash with water. Seek medical attention as needed.

**Eye contact:** Immediately flush with plenty of water for up to 10 minutes. Seek medical attention as needed.

**Ingestion:** Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/effects:** See section 11 for more detailed information on health effects and symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

**Medical attention/treatments:** None known.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

**Extinguishing media:** Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

**Specific hazards:** In case of fire very toxic fumes of hydrogen cyanide (prussic acid) and (NOx) may be formed.

5.3. Advice for firefighters

**Protective equipment for fire-fighters:** Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.
SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of dust. Follow precautions for safe handling described in this safety data sheet.

6.2. Environmental precautions

Environmental precautions: No special precautions.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Collect spillage with vacuum cleaner, shovel, broom or the like.

6.4. Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice: Avoid inhalation of dust and contact with skin and eyes.

Technical measures: Use work methods which minimise dust production.

Technical precautions: Mechanical ventilation or local exhaust ventilation may be required.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store in a dry place.

7.3. Specific end use(s)

Specific use(s): Not relevant.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
No occupational exposure limit assigned.

8.2. Exposure controls
Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust. Provide easy access to water supply and eye wash facilities.

Personal protection: Personal protection equipment should be chosen according to the relevant standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter.

Hand protection: Wear protective gloves suitable to protect for mechanical abrasions.

Eye protection: Wear safety goggles for protection of abrasive materials.

Skin protection: Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures: Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance: Solid.
Colour: White with dark specs
Odour: Slightly pungent odour.
Odour Threshold (ppm): Not applicable.
PH: None.
Melting point: None.
Boiling point: None.
Flash point: >200°C
Evaporation rate: Not applicable.
Vapour pressure: None.
Vapour density: None.
Solubility: Insoluble in water.
Partition coefficient (n-octanol/water): Not applicable.
Explosive properties: No static sensitivity to Sponge Media when dust concentration levels remain below 200 g/m3.

9.2. Other information
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reactivity: None known.

10.2. Chemical stability
Stability: Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions
Hazardous Reactions: None known.

10.4. Conditions to avoid
Conditions/materials to avoid: None known.

10.5. Incompatible materials
Incompatible materials: Sodium hypochlorite

10.6. Hazardous decomposition products
Hazardous decomposition products: Carbon dioxide, Carbon monoxide, Hydrogen cyanide, Isocyanates.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Inhalation: Dust may irritate throat and respiratory system and cause coughing.
Skin contact: Prolonged or repeated contact may cause irritation.
Eye contact: May cause temporary eye irritation.
Ingestion: Ingestion of large quantities may cause gastrointestinal irritation.
Specific effects: Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Other information: Sensitisation: Not applicable to finished product.
Carcinogenicity: IARC Not Listed.
Note: The composition of this material is an amorphous fusion of oxides, which are not crystalline types of free oxides (silica). Therefore, no danger of silicosis exists.
Mutagenicity: Not known.
Reproduction Toxicity: Not known.
SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity: There are no data on the ecotoxicity of this product.

12.2. Persistence and degradability
Degradability: The product consists mainly of inorganic compounds, which are not biodegradable.

12.3. Bioaccumulative potential
Bioaccumulative potential: No data available on bioaccumulation.

12.4. Mobility in soil
Mobility: Not known.

12.5. Results of PBT and vPvB assessment
PBT/vPvB: Not known.

12.6. Other adverse effects
Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority requirements. Residues of unused product is not regarded as hazardous waste.
SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
UN-No: -

14.2. UN proper shipping name
Proper Shipping Name: -

14.3. Transport hazard class(es)
Class: -

14.4. Packing group
PG: -

14.5. Environmental hazards
Marine pollutant: -
Environmentally Hazardous substance: -

14.6. Special precautions for user
Special precautions: -

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Transport in bulk: -

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulation:

15.2. Chemical Safety Assessment
CSA status: Not relevant.
SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.