SAFETY DATA SHEET

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

Product identifier

Product name: Sponge-Jet® Silver Sponge Media™

Container size: Various

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

Application: Abrasive

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: Rezitech Services Pty Ltd
9 Southfork Drive
3137 Kilsyth, Victoria

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

Emergency telephone number

Emergency telephone: Australian Poisons Information Centre: 13 11 26
+1 (603) 610-7950 US Time EST. 9am – 5pm

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

The product is not classified.

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.

Label elements

None.

Other hazards

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

Mixtures

GHS:

<table>
<thead>
<tr>
<th>%</th>
<th>CAS-No.</th>
<th>EC No.</th>
<th>REACH Reg. No:</th>
<th>Chemical name</th>
<th>Hazard classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>65-80</td>
<td>1344-28-1</td>
<td>418-390-1</td>
<td>01-2119529248</td>
<td>Aluminium oxide</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>15-30</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Polyurethane Elastomer</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>1-5</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>-</td>
<td>Titanium dioxide</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>1-5</td>
<td>1309-37-1</td>
<td>215-168-2</td>
<td>01-2119457614</td>
<td>Iron oxide</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>0.1-1</td>
<td>7631-86-9</td>
<td>231-545-4</td>
<td>-</td>
<td>Silicon dioxide, amorphous</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

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.

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: None known.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

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

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.

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

**Personal precautions, protective equipment and emergency procedures**

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

**Environmental precautions**

**Environmental precautions:** No special precautions.

**Methods and material for containment and cleaning up**

**Spill Cleanup Methods:** Collect spillage with vacuum cleaner, shovel, broom or the like.

**Reference to other sections**

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

SECTION 7: HANDLING AND STORAGE

**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.

**Conditions for safe storage, including any incompatibilities**

**Technical measures for safe storage:** No special precautions.

**Storage conditions:** Store in a dry place.

**Specific end use(s)**

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

Control parameters

Occupational exposure limits:

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical name</th>
<th>As</th>
<th>Exposure limits</th>
<th>Type</th>
<th>Notes</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>1309-37-1</td>
<td>Iron oxide fume (Fe2O3)</td>
<td>Fe</td>
<td>5 mg/m³</td>
<td>TWA</td>
<td>-</td>
<td>NOHSC</td>
</tr>
<tr>
<td>1344-28-1</td>
<td>Aluminium oxide (inspirable dust)</td>
<td>-</td>
<td>10 mg/m³</td>
<td>TWA</td>
<td>-</td>
<td>NOHSC</td>
</tr>
<tr>
<td>7631-86-9</td>
<td>Fumed silica (respirable dust)</td>
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<td>2 mg/m³</td>
<td>TWA</td>
<td>-</td>
<td>NOHSC</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide (inspirable dust)</td>
<td>-</td>
<td>10 mg/m³</td>
<td>TWA</td>
<td>-</td>
<td>NOHSC</td>
</tr>
</tbody>
</table>

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

Information on basic physical and chemical properties

Appearance: Solid.
Colour: Silver with gray
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.

Other information

SECTION 10: STABILITY AND REACTIVITY

Reactivity
Reactivity: None known.

Chemical stability
Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions
Hazardous Reactions: None known.

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

Incompatible materials
Incompatible materials: Sodium hypochlorite

Hazardous decomposition products
Hazardous decomposition products: Carbon dioxide, Carbon monoxide, Hydrogen cyanide, Isocyanates.
SECTION 11: TOXICOLOGICAL INFORMATION

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 Cancer Review: Group 2B for Titanium dioxide.
IARC Cancer Review: Group 3 for Iron(III)Oxide

Mutagenicity: Not known.

Reproduction Toxicity: Not known.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

Persistence and degradability

Degradability: The product consists mainly of inorganic compounds, which are not biodegradable.

Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

Mobility in soil

Mobility: Not known.

Results of PBT and vPvB assessment

PBT/vPvB: Not known.

Other adverse effects

Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

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, ADG).

**UN number**
UN-No: -

**UN proper shipping name**
Proper Shipping Name: -

**Transport hazard class(es)**
Class: -

**Packing group**
PG: -

**Environmental hazards**
Marine pollutant: -
Environmentally Hazardous substance: -

**Special precautions for user**
Special precautions: -

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

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulation:**
Work Health and Safety Regulations 2011
National model Code of Practice for the Labelling of Workplace Hazardous Chemicals (2011)

**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 following sections contain revisions or new statements: 3

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.