



SILVER SPONGE MEDIA™ MATERIAL SAFETY DATA SHEET

EU, ISO, ILO and ANSI Approved International Format

SECTION ONE - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sponge-Jet® Silver Sponge Media™ **MSDS Number:** 0010
Product Family: Aluminum Oxide Sponge Blasting Media
Effective Date: March 6, 2003

Manufacturer: Sponge-Jet, Inc.
 235 Heritage Ave., Suite 2
 Portsmouth, NH 03801

Emergency Phone Numbers: 800-776-6435 or 603-431-6435

Hours of Operations: 8:30 a.m. - 5:00 p.m. EST M-F

Sponge-Jet Europe Ltd. +44 (0) 1253 390731 8:00 a.m. – 5:00 p.m. GMT (+1)
 Robson Way M-F
 Blackpool FY3 7PP
 United Kingdom

SECTION TWO – COMPOSITION; INFORMATION ON INGREDIENTS

Chemical or Common Name	CAS No.	%	OSHA PEL	ACGIH TLV	LD ₅₀ *	LC ₅₀ **
Aluminum Oxide	1344-28-1	60 - 100	10 mg/m ³	--	--	--
Titanium Oxide	13463-67-7	1 - 5	5 mg/m ³	--	--	--
Silica (Quartz)	14808-60-7	0.1 - 1	0.5 mg/m ³	--	--	--
Iron Oxide	1309-37-1	0.1 - 1	10 mg/m ³	--	--	--
Water	7732-18-5	1 - 5	--	--	>90 ml/kg	--
Polyurethane Elastomer	57516-88-8	15 - 40	--	--	--	--
Total:	--	100%	--	--	--	--

*Oral, Rat **4 hr, rat

SECTION THREE - HAZARDS IDENTIFICATION

Emergency Overview: No significant or unusual hazards.

Potential Health Effects

Eye Contact: May cause eye irritation. Avoid direct contact.

Skin Contact: Frequent or prolonged contact may cause irritation.

Inhalation: Prolonged inhalation of crystalline silica may cause silicosis and/or cancer.

Ingestion: Ingestion of large quantities may cause gastrointestinal irritation

Carcinogenicity: **IARC:** See Note*

*Note This product contains crystalline silica, which is listed as carcinogenic to humans (IARC, Group 1).

SECTION FOUR - FIRST AID MEASURES:

Eye Contact: Irrigate for at least 15 minutes, seek medical attention as needed.

Skin Contact: If abrasions or redness occur, seek medical attention as needed.

Inhalation: Remove to fresh air, use artificial respiration as needed and seek medical attention.

Ingestion: Seek medical attention.

SECTION FIVE – FIRE FIGHTING MEASURES:**SILVER SPONGE MEDIA MSDS (Continued)**

Flash Point:	>200°C
Lower Flame Limit:	Not applicable
Higher Flame Limit:	Not applicable
Auto-ignition Temperature:	Not applicable
Extinguishing Media:	Carbon Dioxide, Water, and Foam
Special Fire Fighting Procedures:	Hazardous fumes produced, SCBA respiratory protection.
Hazardous Combustion Products:	Oxides of carbon and nitrogen, and hydrogen cyanides due to urethane content.
Explosion Data Sensitivity to mechanical impact:	Not applicable
Explosion Data Sensitivity to static discharge:	No static sensitivity to Sponge Media when dust concentration levels remain below 200 g/m ³ .
Unusual Fire and Explosion Hazards:	Avoid excessive temperature, combustion products may be extremely irritating.

SECTION SIX - ACCIDENTIAL RELEASE MEASURES:

Steps to be taken if material is spilled or released: Good housekeeping procedures should apply. To avoid loss of footing and falling spills should be contained by sweeping or vacuuming media.

SECTION SEVEN - HANDLING AND STORAGE:

Waste Disposal Methods:	Uncontaminated product is considered non-hazardous solid waste.
Handling and Storage:	Keep dry to avoid damage to container.

SECTION EIGHT - EXPOSURE CONTROLS, PERSONAL PROTECTION**Preventative Measures / Ventilation To Be Used**

Local Exhaust: Yes	Mechanical: Yes (general area) Special: No
Protection:	Good mechanical ventilation of work area and/or OSHA or NIOSH approved supplied breathing air or approved respirator.
Protective Gloves:	Suitable to protect for mechanical abrasions.
Eye Protection:	Approved glasses or goggles for protection against abrasive materials, eyewash should be provided in work area.
Special Shipping:	Material should always be shipped on a pallet or within other suitable shipping containers. It should be protected against punctures.

SECTION NINE - PHYSICAL AND CHEMICAL PROPERTIES:

Physical form:	Porous, Pliable, open-cell solid	Vapor Density:	None
Color:	Silver with gray	Boiling Point:	None - Solid
Odor:	Very slight pungent odor when new	Melting/Freeze Point:	None
Odor Threshold:	Not applicable	Solubility in Water:	Insoluble
pH:	None	Specific Gravity:	.75
Vapor Pressure:	None	Evaporation Rate (water=1):	Not applicable
		Coefficient of water/oil distribution:	Not applicable

SECTION TEN - STABILITY AND REACTIVITY:**SILVER SPONGE MEDIA MSDS (Continued)**

Stability:	Stable
Conditions to Avoid:	None known.
Reactivity:	None known.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide, hydrogen cyanide and various isocyanates.
Hazardous Polymerization:	Will not occur
Incompatible substances:	Sodium Hypochlorite

SECTION ELEVEN - TOXICOLOGICAL INFORMATION:

Sensitization of product:	Not applicable in finished product.
Carcinogenicity:	See note on carcinogenicity in section three.
Reproductive Toxicity:	Not applicable
Teratogenicity:	Not applicable
Mutagenicity:	Not applicable
Name of Toxicologically Synergistic Products:	Not applicable

SECTION TWELVE - ECOLOGICAL INFORMATION

There is no data available on this product in its final form.

SECTION THIRTEEN - DISPOSAL CONSIDERATIONS**RCRA Status:**

No component is regulated as hazardous waste under RCRA (40 CFR 261). If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine, at the time of disposal, whether a material containing the product or derived from the product should be classified as hazardous waste.

SECTION FOURTEEN - TRANSPORT INFORMATION

DOT Shipping Name:	None
DOT Hazard Class:	Non-Hazardous
N.A. ID Number	Not applicable
U.N. ID Number	Not applicable
Product Label	Sponge-Jet® Silver Sponge Media™

SECTION FIFTEEN - REGULATORY INFORMATION**SILVER SPONGE MEDIA MSDS (Continued)**

TSCA Status: All components of this product are listed on the TSCA inventory.

Cercla Reportable Quantity: Notification of spills is not required.

OSHA Status: Non-hazardous.

SARA TITLE III:

Section 302 - Extremely Hazardous Substances: None

Section 311 & 312 - Hazard Categories Immediate (acute) health: No
Delayed (chronic) health: No

Fire Hazard: No

Sudden release of pressure: No

Reactive: No

Section 313 - Toxic Chemicals None

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION SIXTEEN - OTHER INFORMATION

Reason for Issue: Change of Address

Supersedes Date: 12 March 2003

NFPA Hazard Rating

Health: 1 Flammability: 1 Reactivity: 0 Special: N/A

HMIS Hazard Rating

Health: 0 Flammability: 1 Reactivity: 0 Personal Protection = B

Personal Protection: B**Key:**

1 = Slight 2 = Moderate 3 = Serious 4 = Severe B = Safety Glasses and Gloves

Note:

All information contained herein is based upon data obtained from manufactures, and or recognized technical sources. We believe the information is current and accurate as of the date of this MSDS. It is given in good faith, but no warranty expressed or implied is made. Since the use of this information and the conditions of the use of the product are not under the control of Sponge-Jet, Inc. it is the user's responsibility to determine conditions of safe use of the product. Please consult your Sponge-Jet representative for further information.