



# WHITE PLASTIC SPONGE MEDIA™ MATERIAL SAFETY DATA SHEET

EU, ISO, ILO and ANSI Approved International Format

## SECTION ONE - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Sponge-Jet® White Sponge Media™  
**Product Family:** Plastic Grit Sponge Blasting Media  
**Effective Date:** February 23, 2004  
**MSDS Number:** 0016

<b>Manufacturer:</b>	<b>Emergency Phone Numbers:</b>	<b>Hours of Operations</b>
Sponge-Jet, Inc. 235 Heritage Ave., Suite 2 Portsmouth, NH 03801	800-776-6435 or 603-431-6435	8:30 a.m. - 5:00 p.m. EST M-F
Sponge-Jet Europe Ltd. Robson Way Blackpool FY3 7PP United Kingdom	+44 (0) 1253 390731	8:00 a.m. – 5:00 p.m. GMT (+1) M-F

## SECTION TWO – COMPOSITION; INFORMATION ON INGREDIENTS

Chemical or Common Name	CAS No.	%	OSHA PEL	ACGIH TLV	LD <sub>50</sub> *	LC <sub>50</sub> **
Urea- Formaldehyde copolymer	9011-05-6	50 - 65	--	--	8394 mg/kg	--
ResiSTAT®	002764-13-8	.3	--	--	--	--
Water	7732-18-5	5 - 10	--	--	>90 ml/kg	--
Polyurethane Elastomer		30 - 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 or excessive inhalation may cause respiratory tract irritation and mucous membrane irritation.

**Ingestion:** Ingestion of large quantities may cause gastrointestinal irritation.

**Carcinogenicity:** None Determined

## 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 as needed.

**SECTION FIVE - FIRE FIGHTING MEASURES:****WHITE PLASTIC SPONGE MEDIA MSDS (Continued)**

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

<b>Waste Disposal Methods:</b>	Uncontaminated product is considered non-hazardous solid waste. Disposal of all waste should be done in accordance with local, state & federal regulations
<b>Handling and Storage:</b>	Keep dry to avoid damage to container.

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

<b>Local Exhaust:</b> Yes	<b>Mechanical:</b> Yes (general area) <b>Special:</b> No
<b>Respiratory Protection:</b>	Good mechanical ventilation of work area and/or OSHA or NIOSH approved supplied breathing air or approved respirator.
<b>Protective Clothing:</b>	Suitable to protect for mechanical abrasions.
<b>Eye Protection:</b>	Approved glasses or goggles for protection against abrasive materials, eyewash should be provided in work area.
<b>Special Shipping:</b>	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:**

<b>Physical form:</b>	Porous, Pliable, open-cell solid	<b>Vapor Density:</b>	None
<b>Color:</b>	White with Red, Blue, Green, Orange and Black	<b>Boiling Point:</b>	None - Solid
<b>Odor:</b>	Very slight pungent odor when new	<b>Melting/Freeze Point:</b>	None
<b>Odor Threshold:</b>	Not applicable	<b>Solubility in Water:</b>	Insoluble
<b>pH:</b>	None	<b>Specific Gravity:</b>	.56
<b>Vapor Pressure:</b>	None	<b>Evaporation Rate (water=1):</b>	Not applicable
		<b>Coefficient of water/oil distribution:</b>	Not applicable

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

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

**SECTION ELEVEN - TOXICOLOGICAL INFORMATION:**

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

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 FOURTEEN - TRANSPORT INFORMATION**

<b>DOT Shipping Name:</b>	None
<b>DOT Hazard Class:</b>	Non-Hazardous
<b>N.A. ID Number</b>	Not applicable
<b>U.N. ID Number</b>	Not applicable
<b>Product Label</b>	Sponge-Jet® White Plastic Sponge Media™

**SECTION FIFTEEN - REGULATORY INFORMATION    WHITE PLASTIC 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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**SECTION SIXTEEN - OTHER INFORMATION**

**Reason for Issue:** Add ResiSTAT® CAS No. and description of Urea- Formaldehyde copolymer

**Supersedes Date:** March 06, 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.