



**Micromeritics Instrument Corp. and Micromeritics Analytical Services**  
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 Surface Area - Porosity - Density - Particle Size, Shape & Count - Catalytic Activity - Surface Energy - Analytical Services

# Cover Sheet



INSTRUMENT CORPORATION  
 ONE MICROMERITICS DR.  
 NORCROSS, GA 30093-1877 U.S.A.

## MSDS GLASS BEADS (3MM 90g)

REV	REVISION DESCRIPTION	BY	DATE	CHK	REL. NO.	DWN BY	
D	Revision	JAP	6/25/04		040265	ENGR	J. Pittman
C	Revision	MD	03/27/03	JM	030188	ENGR SIG	P. Hendrix
B	Obsolete old drwg. New vendor info.	C. Bills	6/5/00	JP	000374	HR SIG	J. Mocny
A	Format Revised & new numbering sys.	C. Bills	11/23/99	JP	990414	QA SIG	A. Dovin
-	Formal Release	C. Bills	2/27/97	GRK	920170	ES SIG	K. Massengill

SIZE	NUMBER	PAGE
A	004/61065/00MSDS	X of 3



**SARA TITLE III - INFORMATION**

This product is not an extremely hazardous material according to Federal Register, Vol. 51, No. 221 PP 41582-41594. It is not the toxic chemicals listed in Committee Print Number 99-169 and is not a hazardous substance identified on the list of CERCLA chemicals.

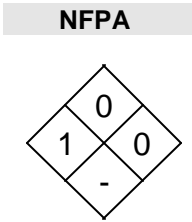
**Section 4 - First Aid Measures**

If beads or dust cause eye irritation, flush the affected eye(s) with water or commercial eye wash. If unable to remove bead/dust by this method, seek medical care. If existing respiratory conditions are aggravated in your use of this product, get to a well ventilated area. Seek medical attention if condition is not alleviated.

**Section 5 - Fire-Fighting Measures**

**Flash Point:** N/A  
**Flammability Classification:** 0  
**Extinguishing Media:** not a fire hazard  
**Hazardous Combustion Products:** n/a  
**Fire-Fighting Instructions:** not required.  
**Unusual Fire and Explosion Hazards:** None

**Flammable Limits:** Does not ignite  
**LEL -** n/a      **UEL:** n/a



**Section 6 - Accidental Release Measures**

**Spill /Leak Procedures:**  
Vacuum or sweep up excess material to avoid a possible slipping hazard.

**Section 7 - Handling and Storage**

**Handling Precautions:** None  
**Storage Requirements:** None  
**Regulatory Requirements:** None

**Section 8 - Exposure Controls / Personal Protection**

**Engineering Controls:**  
**Ventilation:** Local exhaust - as required for nuisance dust.  
Mechanical - As required for nuisance dust.  
**Respiratory Protection:** Use NIOSH approved dust respirator.  
**Eye Protection:** Use Safety glasses/goggles for dust.  
**Protective Clothing/Equipment:** Gloves as required per job.  
**Other protective clothing or equipment:** None

**Section 9 - Physical and Chemical Properties**

<b>Physical State:</b> beads	<b>Water Solubility:</b> n/a
<b>Appearance and Odor:</b> White, tasteless, odorless	<b>Boiling Point:</b> not measurable
<b>Odor Threshold:</b> n/a	<b>Melting Point:</b> >1100°F
<b>Vapor Pressure:</b> n/a	<b>Viscosity:</b> n/a
<b>Vapor Density (Air=1):</b> n/a	<b>Refractive Index:</b> n/a
<b>Formula Weight:</b> n/a	<b>Surface Tension:</b> n/a
<b>Density:</b> n/a	<b>% Volatile:</b> n/a
<b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> -2.4 - 2.6 g/cm <sup>3</sup>	<b>Evaporation Rate:</b> n/a
<b>pH:</b> n/a	

### Section 10 - Stability and Reactivity

**Stability:** Stable.

**Polymerization:** Hazardous polymerization will not occur.

**Incompatibility (Materials to avoid):** Concentrated hydrofluoric acid.

**Conditions to Avoid:** none

**Hazardous Decomposition Products:** n/a

### Section 11 - Toxicological Information

None available.

### Section 12 - Ecological Information

None available

### Section 13 - Disposal Considerations

**Disposal:** Glass beads are considered to be non-hazardous by the EPA under 29CFR 1910.1200, and if disposed as waste, the RCRA status of UNUSED material is non-hazardous according to the list of CERCLA chemicals. If permitted by applicable Federal, State and Local regulation, glass beads can be disposed of in a solid waste landfill.

### Section 14 - Transport Information

n/a

### Section 15 - Regulatory Information

EPA Regulations: n/a

### Section 16 - Other Information

**Prepared By:** M. Day

**Revision Notes:**