Material Safety Data Sheet

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Bangs Laboratories, Inc.
BEADS • ABOVE THE REST

Section 1: Chemical Product and Company Identification

Date Prepared: 04/27/2012
Catalog Code: **SA, SC, SS Catalog Codes**
Product: **Silica – Dry Particles**
Supplier: Bangs Laboratories, Inc. / A Division of Polysciences, Inc.
9025 Technology Drive
Fishers, Indiana 46038

Section 2: Composition / Information on Ingredients

Item#	Name	CAS#	% in Product
1	Silicon Oxide	007631869	100.0
2	Functional monomer (for SA or SC Catalog Codes)	None	<20.0

Section 3: Hazards Identification

Low hazard for usual industrial or commercial handling.

Hazard Ratings: These ratings are Bangs Laboratories' Inc. own assessments of the properties of the material using the ANSI/ NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49). If no data is listed the information is not available.

Health	Flammability	Reactivity
0	0	0

Section 4: First Aid Measures

Eyes: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
Skin: In case of contact, immediately wash skin with copious amounts of water for at least 15 minutes.
Ingestion: Contact a physician immediately.
Inhalation: Remove to fresh air. Consult medical personnel.
Systemic: Human effects not established. No specific antidote. Treatment based on sound judgment of physician and the individual reactions of the patient.

Section 5: Fire-Fighting Measures

Extinguishing Media: n/a
Special Firefighting Procedures: n/a
Unusual Fire & Explosion Hazards: Suspended material is not flammable. Sodium azide is known to form explosive compounds when it is combined with metal halides and many heavy metals, such as lead, copper, gold, and silver.

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Wear vinyl gloves, soak up spill in paper toweling, and rinse area with water. Put all generated waste into an approved container and dispose of as waste. Observe all applicable federal, state, and local disposal laws.

Section 7: Handling and Storage

Ventilation:	Good room ventilation is adequate for most operations.
Respiratory Protection:	None normally needed. In cases where there is a likelihood of inhalation exposure to dried particles, wear a NIOSH approved dust respirator.
Storage:	Store between 2-8˚C. Keep refrigerated. Do not freeze.

Section 8: Exposure Controls and Personal Protection

Respiratory Protection:	None normally needed. See Section 7.
Wash / Hygienic Practices:	Wash with soap and water when leaving work area and before eating, smoking, and using restroom facilities.

Section 9: Physical and Chemical Properties

Boiling Point:	>>>1000˚C
Glass Transition Temperature:	>>>1000˚C
Density:	~2.0 g/cm^3
Solubility:	insoluble
Appearance & Odor:	white slurry

Section 10: Stability and Reactivity

Incompatibilities:	Product may be non-reactive in strong acid or base. Product may irreversibly aggregate if frozen.
Hazardous Decomposition Products:	Sodium azide is known to form explosive compounds when it is combined with metal halides and many heavy metals, such as lead, copper, gold, and silver.

Section 11: Toxicological Information

To the best of our knowledge, the chemical, physical, and toxic properties of this product have not been thoroughly investigated. The microspheres contain organic fluorescent dyes which are suspected to be carcinogenic agents. Sodium azide is known to be highly toxic.

Acute Effects:	Contact with sodium azide may result in eye and skin irritation. Ingestion may result in nausea, headache, and vomiting.
Chronic Effects:	Sodium azide can cause cancer, or alter genetic material. Target organs include heart, nerves, and brain.

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed, the material must be disposed in compliance with all Federal, State, and Local Regulations.

CAS#	Waste Code	Regulated Name
007631869	not listed	not listed

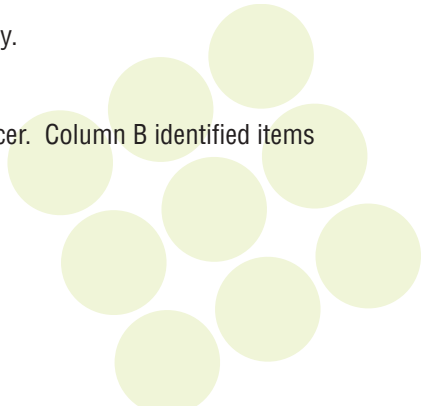
Section 14: Transport Information

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information

Prop 65: Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
007631869	no	no



Section 16: Other Information

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