

Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Date Prepared: 04/03/2013
Catalog Code: **SB04N, SB06N**
Product: **Silica Bind-IT™ Microsphere Suspension, 1µm and 5µm**

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Item#</u>	<u>Name</u>	<u>CAS #</u>	<u>% in Product</u>
1	Silicon Oxide	007631869	10.0
2	Water	007732185	90.0

SECTION 3: HAZARD IDENTIFICATION

Low hazard for usual industrial or commercial handling.

Hazard Ratings: These ratings are 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.

<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
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 physician immediately.
Inhalation: Remove to fresh air if effects occur. 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: Not applicable
Special Firefighting Procedures: Not applicable
Unusual Fire & Explosion Hazards: Suspended material is not flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Any information given below is considered to be in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition source 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. Avoid unnecessary exposure and contact.

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 at 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 Temp.: >>>1000°C
Density: ~2.0 g/cm³
Solubility: insoluble
Appearance: 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 Combustion or Decomposition Products: Suspended material is not flammable.

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: Ingestion may result in nausea, headache, and vomiting.
Chronic Effects: None.

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 of in compliance with all Federal, State, and Local Regulations.

<u>CAS #</u>	<u>Waste Code</u>	<u>Regulated Name</u>
007631869	not listed	not listed
007732185	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

All components of this product are on the TSCA public inventory.

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

<u>CAS #</u>	<u>Column A</u>	<u>Column B</u>
007631869	no	no
007732185	no	no

SECTION 16: OTHER INFORMATION

SAFFIRE BLUE, INC. provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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END OF MSDS

