## 1. MATERIAL IDENTIFICATION

Product Name: ANGSTRÖMSPHERE Uniform Sub-Micron Silica Spheres

Emergency Phone: For product emergencies involving spill, leak, fire, exposure, or accident call CHEMTREC at

(800) 424-9300. For all other inquiries call **Fiber Optic Center**<sup>TM</sup>, Inc. at (800) 473-4237.

2. COMPOSITION			Exposure Limits			
Hazardous Components	CAS No.	Percent	ACGIH TLV-TWA	OSHA PEL	OTHI TWA	ER PEL
Amorphous Silicon Dioxide	7631-86-9	99+	NE	NE	NE	NE
Abbreviations: N.E. = Not Establishe	d					

### 3. HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eyes: No Skin: NO Inhalation: Yes

Eye Contact: No information available.

Skin Contact: No information available.

**Inhalation:** No known effects other than possible temporary discomfort due to inhalation of high dust concentration.

**Ingestion**: No information available.

## 4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water.

Skin: No information available.

Inhalation: Remove to fresh air.

Ingestion: No information available.

#### 5. ACCIDENTIAL RELEASE MEASURES

May be swept up or vacuumed for normal disposal.

**Waste Disposal Method** 

Close container or bag and use ordinary disposal method for non hazardous waste.

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 Fiber Optic Center™, Inc., 23 Centre Street, New Bedford, MA, 02740-6322, USA
 Rev. A
 10/2002

 Toll Free: (800) IS-FIBER or (800) 473-4237
 • Phone: (508) 992-6464
 • Fax: (508) 991-8876
 • Website: www.focenter.com





# **6. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES** 

Flash Point:

Explosive Limits:

Not determined

Not determined

Not determined

Not determined

Not determined

Not determined

Hazardous Decomposition Products: None

**UNUSUAL FIRE AND EXPLOSION HAZARDS** 

Dry powder materials can build static electric charges when subjected to friction. Proper precautions, when using the silica powders in presence of flammable or explosive liquids should be taken to prevent accidents. (see NFPA-77 Static Electricity)

#### 7. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering / Ventilation Controls: Exhaust to below PEL and TLV levels.

 Respiratory Protection:
 Respirator Recommended.

 Skin Protection:
 Gloves Recommended.

**Eye Protection:** Safety goggles recommended.

## **8. STABILITY AND REACTIVITY**

Conditions and Materials to Avoid: None
Hazardous Decomposition Products: None

Hazardous Polymerization: will not occur.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / State: Fine white powder **Boiling Point:** Not determined Odor: Odorless Freezing Point: Not determined pH: 7.0(4% aqueous slurry) Specific Gravity: approx. 2.0g/cc Vap. Pressure (mmHg): Not determined Solubility in Water: insoluble

Vap. Density (air = 1): Not determined

# **10.REGULATORY INFORMATION**

DOT Proper Shipping Name: Not regulated

HMIS RATINGS:

Health: 1 FIRE: 0 Reactivity: 0

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