



# American International Chemical, Inc.

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## MATERIAL SAFETY DATA SHEET

### NUCLEOSIDE CONTROLLED PORE GLASS

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: August 2007

Synonyms: Controlled Pore Glass, CPG

CAS #: 7631-86-9

DOT Hazard Class: Not Regulated

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#### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Formula: SiO<sub>2</sub>      Chemical Family: silica glass      M.W.: 60.08

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#### SECTION 3 - HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW:

It presents little or no health hazard and no unusual hazard if involved in a fire.

##### POTENTIAL HEALTH EFFECTS:

**Skin:** May cause skin irritation.

**Eyes:** May cause irritation or burning.

**Inhalation:** May cause irritation to the respiratory tract.

**Ingestion:** Not a hazard with normal industrial usage.

CARCINOGENICITY: Not Identifiable

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#### SECTION 4 - FIRST AID MEASURES

**Skin:** Immediately wash skin with soap and water for at least 15 minutes.

**Eyes:** Immediately flush with plenty of water for at least 15 minutes, holding eye lids apart.

**Inhalation:** Remove to the fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion:** Wash out mouth with water.

**On All Of The Above:** Consult a physician if symptoms persist.

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## **SECTION 5 - FIRE FIGHTING MEASURES**

Flash Point: Non Combustible

Flammable Limits: Non Combustible

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turn-out gear.

Unusual Fire Explosion Hazard: None

Auto Ignition Temperature: Not Available

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## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

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## **SECTION 7 - HANDLING AND STORAGE**

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in a sealed glass container. Store in a cool dry area away from other incompatible materials.

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## **SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: Not Available

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H<sub>2</sub>O=1): 2.2

Percent Volatile by Volume (%): Not Applicable

Melting Point: 825-850°C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Not Soluble

pH: Not Applicable

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**SECTION 10 - STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None

KEEP AWAY FROM: Not Applicable

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Not Available

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**SECTION 12 - ECOLOGICAL INFORMATION**

Not Available

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

Nucleoside Controlled Pore Glass

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**SECTION 14 - TRANSPORTATION INFORMATION**

D.O.T. SHIPPING NAME: Nucleoside Controlled Pore Glass

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**SECTION 15 - REGULATORY INFORMATION**

OSHA STATUS: Not listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance Not listed

Section 313 Toxic Chemicals: Not listed

Section 311/312 Hazard Category: Not considered a Hazard.

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**SECTION 16 - OTHER INFORMATION**

Reason for issue: Changed Date

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