

# GRANICRETE INTERNATIONAL, INC.

## Material Safety Data Sheet

### 1. Chemical Product and Company Identification

Granicrete International, Inc.  
3420 S. 7<sup>th</sup> Street, Suite 6  
Phoenix, Arizona 85040  
Telephone Number: (602) 438-9464  
24-Hour Emergency Telephone Number: PERS: 1-800-633-8253

**Product Name:** Natural Polystyrene (Component of Light Weight Forming Mix-W.T.)

**LIIN:** 00N090388

**HMIS Classification:**        H   F   R  
   1   0   1

**Prepared By:** Granicrete Loss Control

**Preparation Date:** June 01, 2001

**Review Dates:** April 05, 2002

### 2. Composition, Information on Ingredients

Ingredients / Components	CAS #	RTECS	OSHA PEL	ACGIH TLV OTHER	WT %	EPA RPT QTY	DOT RPT QTY
Styrene Polymer w/ 1,3-Butadiene (Styrene -Butadiene Copolymer)	8042-47-5	PY8047000	N/K (FP N)	N/K (FP N)	N/A	N/A	N/A
Mineral Oil, White; (Mineral Oil)	8042-47-5	PY8047000	N/K (FP N)	N/K (FP N)	N/A	N/A	N/A

### 3. Physical / Chemical Characteristics

**Appearance & Odor:** Odorless Solid

**Boiling Point:** N/A

**Vapor Pressure:** (MM Hg/70F); N/A

**Vapor Density:** (Air=1); N/A

**Specific Gravity:** 1.045

**Solubility in Water:** None

### 4. Fire and Explosion Hazard Data

**Flash Point:** None

**Lower Explosive Limit:** N/A

**Upper Explosive Limit:** N/A

**Extinguishing Media:** Water Fox, Foam, Alcohol Foam, Carbon Dioxide, Dry Chemical.

**Firefighting Procedures:** Use NIOSH approved SCBA & Full Protective Equipment (FP N).

**Unusual Fire and Explosion Hazards:** Dense black smoke emitted when burned without sufficient oxygen.

### 5. Reactivity Data

**Stability Indicator:** Yes

**Stability Condition to avoid:** Temperatures over 300C release combustible gases.

**Incompatibility (Materials to Avoid):** None Known

**Hazardous Decomposition Products:** Smoke and noxious gases (Carbon Monoxide and Hydrocarbons).

**Hazardous Polymerization Indicator:** No

**Conditions to Avoid Polymerization:** Not relevant

## 6. Health Hazard Data

**LD50 LC50 Mixture:** None specified by manufacturer.

<b>Route of Entry Inds:</b>	<b>Inhalation:</b> Yes	<b>Skin:</b> No	<b>Ingestion:</b> Yes
<b>Carcinogenicity:</b>	<b>NTP?</b> No	<b>IARC?</b> No	<b>OSHA?</b> No

**Effects of Exposure: Acute:** Eyes: Solid or dusts may cause irritation or corneal injury due to mechanical action. Skin: Mechanical injury only. Ingest: May be an obstruction if swallowed. Single dose oral dust may cause irritation to upper respiratory tract.

**Explanation of Carcinogenicity:** Not relevant.

**Medical Conditions Aggravated by Exposure:** None specified by manufacturer.

**First Aid Procedures: Eyes:** Flush with water for at least 15 minutes. **Ingestion:** Call MD immediately (FP N). No adverse effects expected (MFR). **Skin:** Flush w/ copious amounts of water. Call MD (FP N).

## 7. Precautions for Safe Handling and Use

**Neutralizing Agent:** None specified by manufacturer.

**Waste Disposal Method:** To the best of manufacturer's knowledge, this product does not meet definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill or burn in appropriate incinerator in accordance with all Federal, State, Local and local regulations.

**Precautions to be taken in Handling and Storage:** Avoid breathing dust if generated.

**Other Precautions:** None specified by manufacturer.

## 8. Control Measure

**Respiratory Protection:** In a dusty atmosphere use NIOSH approved particulate respirator if conditions warrant.

**Ventilation:** Good general ventilation should be sufficient for most conditions.

**Protective Gloves:** Impervious gloves (FP N).

**Eye Protection:** ANSI approved chemical workers goggles (FP N).

**Other Protective Equipment:** Clean body-covering clothing.

**Work / Hygienic Practices:** None specified by manufacturer.

**NOTE:** The above information is based on current formulation and information available at this time. Since conditions of use are outside our control we make no warranties, expressed or implied, and assume no responsibility or liability in connection with any use of this information.