



**Solidification Products International, Inc.**

P.O. Box 35, 1437 Middletown Avenue, Northford, CT 06472

Phone (203) 484-9494 Fax (203) 484-9492

<b>Material Safety Data Sheet</b>		<b>U.S. Department of Labor</b>		
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.		Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072		
IDENTITY (as Used on Label and List) <b>SOS Petro Barrier Media, Petro-plugs, Petro-Pipes</b>		<i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i>		
<b>Section I</b>				
Manufacturer's name <b>Solidification Products International, Inc.</b>		Emergency Telephone Number <b>203-484-9494</b>		
Address (Number, Street, City, State and ZIP Code) <b>P.O. Box 35</b>		Telephone Number for Information <b>203-484-9494</b>		
<b>1437 Middletown Avenue</b>		Date Prepared <b>July 1, 2005</b>		
<b>Northford, CT 06472</b>		Signature of Preparer (optional)		
<b>Section II—Hazardous Ingredients/Identity Information</b>				
Hazardous Components (Specific Chemical Identity, Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended % (optional)
<b>Chemical Family: Organic Polymer Mixture</b>				
<b>Description : Blue Granules</b>				
<b>This product is not hazardous as defined in 29CFR1910.1200</b>				
<b>Section III—Physical/Chemical Characteristics</b>				
Boiling Point <b>NA</b>		Specific Gravity (H <sub>2</sub> O = 1) <b>NA</b>		
Vapor Pressure (mm Hg) <b>NA</b>		Melting Point <b>NA</b>		
Vapor Density (AIR = 1) <b>NA</b>		Evaporation Rate (Butyl Acetate = 1) <b>NA</b>		
Solubility in Water <b>Insoluble</b>				
Appearance and Odor <b>Blue granules, with little or no odor</b>				
<b>Section IV—Fire and Explosion Hazard Data</b>				
Flash Point (Method Used) <b>NA</b>		Flammable Limits <b>NA</b>	LEL <b>NA</b>	UEL <b>NA</b>
Extinguishing Media <b>Carbon dioxide, dry chemical , foam, Water spray</b>				
Special Fire Fighting Procedures <b>Wear self contained breathing apparatus with full facepiece operated in a pressure demand mode. Also wear full protective clothing.</b>				
Unusual Fire and Explosion Hazards <b>None</b>				
<b>Section V—Reactivity Data</b>				
Stability <b>Stable</b>		Unstable <b>NA</b>	Conditions to Avoid	
Incompatibility (Materials to Avoid) <b>Strong oxidants such as liquid chlorine, enriched gaseous or liquid oxygen, and sodium or calcium hypochlorite.</b>				
Hazardous Decomposition or Byproducts <b>Thermal decomposition may create carbon dioxide or carbon monoxide</b>				
Hazardous Polymerization <b>Will not occur.</b>		May Occur <b>NA</b>	Conditions to Avoid	

**Section VI—Health Hazard Data**

**Nature of Principal Hazard(s):** NA ( not a health hazard as defined by OSHA)

**Target Organ(s):** NA

**Signs, Symptoms, and Effects of Exposure:** Eye contact may product slight irritation and/or redness. Inhaled dust may cause some respiratory irritation.

**Carcinogenicity:** Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH

**Exposure Limits (as particulates not otherwise regulated):** The OSHA 8-hour TWA for total dust is 15 mg/cu-meter (5 mg/cu-meter for the respirable fraction). The ACGIH TLV-TWA is 10/mg cu-meter.

**Safety Precautions:** Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Avoid prolonged or repeated inhalation of dust. Avoid prolonged or repeated skin contact. Caution – slip hazard – see sections IV and/or VII.

**First Aid:**

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician

**Ingestion:** Consult a physician. Never give anything by mouth to an unconscious person.

**Skin Contact:** Remove contaminated clothing and launder before reuse. Wash effected area with soap and water.

**Inhalation:** Remove to fresh air.

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

**Product becomes slippery and difficult to handle when wet/ spills are best handled while still dry. Sweep up and collect dry product. Absorb wet product with vermiculite or other inert material. Then water wash area to waste treatment to eliminate slip hazard.**

Waste Disposal Method

**Disposal must be arranged in accordance with local, state, and federal regulations. This material, when unadulterated, is not a RCRA regulated hazardous waste. However, local disposal regulations will often apply. Care must be taken to prevent environmental contamination from the disposal of material, residues and containers.**

Precautions to Be Taken in Handling and Storing

**Section VII—Control Measures**

**Respiratory Protection (Specify Type)** Use a NIOSH approved dust respirator if exposure exceeds TLV. Follow the ANSI Z88.2 standard.

Ventilation Local Exhaust

**Mechanical (General)** Provide mechanical ventilation to prevent dust concentrations, and to reduce potential exposure

<b>Protective Gloves</b> Not normally required	<b>Eye Protection</b> Goggles ( ANSI Z87.1 std; safety glasses alone do not protect from dust).
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Work/Hygienic Practices

**Good personal hygiene practices can reduce potential exposure. Wash with soap and water following any contact with this product, as well as before breaks and meals. Shower and Change clothing at end of work shift. If clothing becomes contaminated, remove and launder or dry-clean before re-use.**