

# Material Safety Data Sheet

IDENTITY (As Used on Label and List)

LOG END SEAL



## Section I

Manufacture's Name <b>Perma-Chink Systems, Inc.</b>	Emergency Telephone Number: CHEMTREC 1-800-424-9300
Address (Number, Street, City, State, and ZIP code) 1605 Prosser Road	Telephone Number for Information: 865-524-7343
Knoxville, TN 37914	Date of Preparation 1/02/2015
Preparer's Name Sean Gahan	Signature of Preparer (optional)

## Section II – Hazardous Ingredients/Identity Information

Hazardous Component (Specific Chemical Identity, Common Name(s):

	CAS #	OSHA / PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Silicon Dioxide, Crystalline-free	7631-86-9	N/A	10mg/m3		1.10
Ethylene Glycol Monobutyl Ether	111-76-2	N/A	20 ppm		0.75

## Section III – Physical/Chemical Characteristics

Boiling Point: 212 °F	Specific Gravity (H <sub>2</sub> O = 1) 1.0 – 1.2
Vapor Pressure (mm Hg.) N/A	Melting Point N/A
Vapor Density (Air = 1) > 1	% Volatile (Volume) 35-45
Solubility in Water Miscible with water	Evaporation Rate (Water = 1) > 1
Appearance and Odor Viscous white liquid with characteristic latex odor.	VOC: 92 g/L

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limitations N/A	LEL	UEL
Extinguishing Media CO <sub>2</sub> , dry chemical, foam or dry chemical fir fighting apparatus.			
Special Fire Fighting Procedures Use SCBA and complete PPE. Remove all ignition sources. Use water spray to cool containers exposed to fire.			
Unusual Fire and Explosion Hazards Closed containers may rupture due to pressure build-up in the presence of high temperature.			

## Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	Keep from freezing
Incompatibility (Materials to Avoid)	None known.		
Hazardous Decomposition or Byproducts	Carbon dioxide, carbon monoxide or Nitric oxide		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	✓	Excessive heat may cause containers to rupture.

## Section VI – Health Hazard Data

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Routes of Entry    Inhalation? No    Skin? Yes    Ingestion? Yes    Eye Contact? Yes

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**Health Hazards (Acute and Chronic):** **Eye Contact:** May cause redness, irritation. **Inhalation:** Vapors may cause irritation of nose and throat. **Ingestion:** May be harmful or fatal. **Skin Contact:** Irritation may be possible for some individuals.

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Carcinogenicity? NO    NTP? NO    IARC Monographs? NO    OSHA Regulated? NO

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No long-term adverse effects are known.

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Signs and Symptoms of Exposure: : **Inhalation:** Dust may cause irritation to mucous membranes and the respiratory tract. **Eyes:** Causes damage to the eyes. **Skin:** Slightly irritating to the skin. **Ingestion:** May cause nausea, vomiting or diarrhea.

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Medical Conditions: Generally aggravated by exposure: existing skin and respiratory conditions.

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**Emergency and First Aid Procedures:**

**Eye contact:** Flush with large quantities of clean water for at least 15 minutes. Seek medical attention if irritation persists.

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**Ingestion:** Do not induce vomiting. Dilute by drinking large quantities of water or milk. Consult a physician.

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**Skin contact:** Wash affected area with warm water and soap. Remove grossly contaminated clothing, shoes and launder before reuse.

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**Inhalation:** Get fresh air. Seek medical attention.

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

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Steps to be taken in Case Material is Released or Spilled

Dike and contain spill with inert material and collect for disposal. Flush area with water. Do not allow material or washings to enter waterways.

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Waste Disposal Method

Dispose of material in accordance with all applicable Federal, State, and Local regulations.

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Precautions to be taken in Handling and Storing

Read and Observe all product label instructions. Protect product from freezing. **KEEP OUT OF REACH OF CHILDREN.**

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Other Precautions

Store product between 40°F and 90° F. Do not store in direct sunlight. Protect from freezing.

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**Section VIII – Control Measures**

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Respiratory Protection (Specify Type)

Wear NIOSH approved organic vapor respirator if high vapor concentration present.

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Ventilation    Local Exhaust

Special

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Mechanical (general)

Other

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Protective Gloves

Gloves recommended.

Eye Protection

Goggles or safety glasses recommended.

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Other Protective Clothing or Equipment

Maintain eyewash facility at point of use.

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Work/Hygenic Practices: Wash hands after using or before handling food or drink.

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The information contained herein is, to the best of Perma-Chink Systems, Inc. knowledge, accurate as of the data indicated. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition that the person receiving it shall make his own determination as to the suitability of the material for his particular purpose and on the condition that he assumes the risk of his use thereof.