

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

Energy Seal



Section I

Manufacture's Name Perma-Chink Systems, Inc.	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 8/17/09
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)
Aliphatic Hydrocarbon	64742-88-7	300 ppm			
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm		

Section III – Physical/Chemical Characteristics

Boiling Point: 212 °F	Specific Gravity (H ₂ O = 1) 1.2 – 1.3
Vapor Pressure (mm Hg.) N/A	Melting Point N/A
Vapor Density (Air = 1) > 1	% Volatile (Volume) 25-35
Solubility in Water Mixes with water	Evaporation Rate (Water = 1) < 1
Appearance and Odor Paste in various colors. Slight latex odor.	VOC: 135 g/L

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limitations	LEL	UEL
Extinguishing Media For dried solids use water, CO ₂ , foam or dry chemical.			
Special Fire Fighting Procedures Water may be used to cool container that are exposed to heat.			
Unusual Fire and Explosion Hazards Pressure may build if containers are exposed to heat.			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable		
Incompatibility (Materials to Avoid)			None Known
Hazardous Decomposition or Byproducts			None Known.
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur		None Known

Section VI – Health Hazard Data

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

Health Hazards (Acute and Chronic)

May cause irritation to eyes, skin, nasal passages and throat.

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

No long-term adverse effects are known.

Signs and Symptoms of Exposure: Persistent skin redness and irritation.

Medical Conditions: None known

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.

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

Skin contact: Wash affected area with warm water and soap. Seek medical attention if irritation persists.

Inhalation: Get fresh air. Seek medical attention if irritation persists.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled

Contain spill with inert material. Do not allow material or washings to enter waterways.

Waste Disposal Method

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

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.

Other Precautions

Section VIII – Control Measures

Respiratory Protection (Specify Type)

Wear NIOSH approved organic vapor respirator if TLV exceeded.

Ventilation Local Exhaust Provide local exhaust to keep TLV (Section 2) below acceptable limits .	Special
Mechanical (general)	Other
Protective Gloves Gloves recommended.	Eye Protection Goggles or safety glasses recommended.

Other Protective Clothing or Equipment

None required with normal use.

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

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.