

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

FLEXIBLE JOINT COMPOUND

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 2/02/09
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)
Ethylene Glycol	107-21-1	50 ppm	100 ppm		
Aliphatic Hydrocarbon	64742-88-7	100 ppm	100 ppm		

Section III – Physical/Chemical Characteristics

Boiling Point: 212 °F	Specific Gravity (H ₂ O = 1) 1.10 – 1.30
Vapor Pressure (mm Hg.) = Water	Melting Point % Volatile (Volume) 30-40
Vapor Density (Air = 1) N/A	Evaporation Rate (Butyl Acetate = 1) > 1
Solubility in Water Water thinnable / dilutable.	Coating VOC = 58 g/L Material VOC = 36 g/L
Appearance and Odor Viscous white paste. Slight latex odor.	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 212°F	Flammable Limitations N/A	LEL N/A	UEL N/A
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Extinguishing Media
Water, spray foam, CO₂, or dry chemical.

Special Fire Fighting Procedures
Use water spray to cool fire-exposed containers. Wear self-contained breathing apparatus extinguishing fire.

Unusual Fire and Explosion Hazards
Pressure may build up in closed containers that are exposed to extreme heat.

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	Do not allow product to freeze.
Incompatibility (Materials to Avoid)			None Known
Hazardous Decomposition or Byproducts			Under extreme heat product may form oxides of carbon and nitrogen.
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	✓	None Known

Section VI – Health Hazard Data

Routes of Entry Inhalation? Yes Skin? Yes Ingestion? Yes Eye Contact? Yes

Health Hazards (Acute and Chronic)

Eye Contact: May cause eye redness or irritation. **INHALATION:** Inhalation of vapors may cause respiratory irritation.

INGESTION: May cause nausea, vomiting, or diarrhea. **SKIN:** May cause temporary redness or skin rash.

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

No long-term adverse effects are known.

Signs and Symptoms of Exposure: None known

Medical Conditions: Generally aggravated by exposure (Skin and respiratory conditions).

Emergency and First Aid Procedures:

Eye contact: Flush with clean water for at least 15 minutes; seek medical attention.

Inhalation: If vapors are inhaled, move individual to fresh air. If not breathing, begin artificial respiration. Seek medical attention.

Skin contact: Wash affected area with soap and warm water. Remove grossly contaminated clothing including shoes. Launder before reuse.

Ingestion: DO NOT INDUCE VOMITING. Call physician immediately.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled

Eliminate sources of ignition. Prevent additional sources of material discharge and contain with sand or soil. Prevent from entering waterways, sewers, and/or low areas.

Waste Disposal Method

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

Precautions to be taken in Handling and Storing

Wash hands thoroughly after handling. Keep containers close when not in use. When using product, provide adequate ventilation. Avoid contact with skin or clothing. Store in a cool dry place. **KEEP OUT OF THE REACH OF CHILDREN.**

Other Precautions

Keep product from freezing.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

Wear NIOSH – approved organic vapor respirator.

Ventilation Local Exhaust

Provide adequate ventilation.

Special

Mechanical (general)

Other

Protective Gloves

Chemical resistant gloves

Eye Protection

Goggles or safety glasses with side shields.

Other Protective Clothing or Equipment

None require for normal use.

Work/Hygenic Practices: Wash hands thoroughly before eating, smoking or using the restroom.

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.