



Material Safety Data Sheet

**IDENTITY** (As Used on Label and List)  
**After Blast**

<b>Section I</b>	
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 6/28/04
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)	
This product contains no hazardous ingredients.					

**Section III – Physical/Chemical Characteristics**

Boiling Point: 212 °F	Specific Gravity (H <sub>2</sub> O = 1) 1.02 – 1.04
Vapor Pressure (mm Hg.) N/A	Melting Point % Volatile (Volume) 75-85
Vapor Density (Air = 1) >1	Evaporation Rate (Butyl Acetate = 1) > 1
Solubility in Water Miscible with water; insoluble in most petroleum solvents	
Appearance and Odor Various colors; slight latex paint odor.	

**Section IV – Fire and Explosion Hazard Data**

Flash Point (Method Used) None	Flammable Limitations N/A
Extinguishing Media CO <sub>2</sub> , dry chemical, foam	
Special Fire Fighting Procedures Use water spray to cool fire, exposed containers.	

Unusual Fire and Explosion Hazards  
Pressure may build up in closed containers exposed to fire or extreme high temperatures.

**Section V – Reactivity Data**

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

	Occur		
<b>Section VI – Health Hazard Data</b>			
Routes of Entry	Inhalation? No	Skin? No	Ingestion? No Eye Contact? Yes
<b>Health Hazards (Acute and Chronic)</b>			
Eye Contact: May cause eye irritation, which may be severe if prolonged			
Carcinogenicity? NO	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
No long-term adverse effects are known.			
Signs and Symptoms of Exposure: None known			
Medical Conditions: None known			
<b>Emergency and First Aid Procedures:</b>			
Eye contact: Flush with clean water for at least 15 minutes; seek medical attention.			
Ingestion: Give two glasses of water to dilute. If irritation develops, seek medical attention.			
Skin contact: Wash affected area with soap and water.			
Inhalation: If vapors are inhaled, move individual to fresh air. Seek medical attention if irritation develops or breathing becomes difficult			
<b>Section VII – Precautions for Safe Handling and Use</b>			
Steps to be taken in Case Material is Released or Spilled			
Dike spills. Absorb with inert material and collect for disposal. 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 precautions on the product label. KEEP OUT OF REACH OF CHILDREN.			
Other Precautions			
Keep product from freezing.			
<b>Section VIII – Control Measures</b>			
Respiratory Protection (Specify Type)			
Wear NIOSH – approved organic vapor respirator if product is sprayed indoors			
Ventilation	Local Exhaust	Special	
	Yes, if sprayed indoors.		
	Mechanical (general)	Other	
Protective Gloves	Eye Protection		
None required with normal use.	Goggles or safety glasses recommended.		
Other Protective Clothing or Equipment			
None required with normal use.			
Work/Hygenic Practices			

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.