

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

PCSI S-100 Finish Remover



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 Knoxville, TN 37914	Telephone Number for Information: 865-524-7343
Preparer's Name Sean Gahan	Date of Preparation 1/02/2015 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)
Sodium Metasilicate	6834-92-0	N/A	N/A		0 – 5%

Section III – Physical/Chemical Characteristics

Boiling Point: 212 °F	Specific Gravity (H ₂ O = 1) 1.04 – 1.06
Vapor Pressure (mm Hg.) 20 mm Hg @ 68 F	Melting Point % Volatile (Volume) 85-95
Vapor Density (Air = 1) >1	Evaporation Rate (Water = 1) > 1
Solubility in Water Complete	
Appearance and Odor Thin green liquid with citrus odor.	PH : 10.5 – 11.5

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limitations N/A
Extinguishing Media Non-Flammable	
Special Fire Fighting Procedures N/A	
Unusual Fire and Explosion Hazards N/A	

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	
Incompatibility (Materials to Avoid)	Avoid Strong Acids.		
Hazardous Decomposition or Byproducts	Alkali vapors.		
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: Severe eye irritant. Liquid and mists may damage the eyes causing corneal injury.

Skin: May cause redness or swelling. Prolonged or repeated contact may cause dermatitis.

Inhalation: May be irritating to the mucous membranes of the nose, throat, and lungs. Chocking, coughing or headache may occur.

Ingestion: Irritation to the mouth, throat and gastrointestinal system. Large amounts may cause vomiting and diarrhea.

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

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. If person is conscious, drink large quantities of water. Consult a physician.

Skin: Remove contaminated clothing. Flush affected area with water. 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

Mop up or otherwise absorb with inert material and collect for disposal.

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.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

Use with adequate ventilation.

Ventilation Local Exhaust

Provide local exhaust .

Special

Mechanical (general)

Other

Protective Gloves

Use waterproof protective gloves.

Eye Protection

Goggles or safety glasses recommended.

Other Protective Clothing or Equipment

N/A.

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.