

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

PRM Polymer Basecoat

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: (425) 885-5085
Knoxville, TN 37914	Date of Preparation 1/4/2013
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 mg/m ³	ACGIH TLV mg/m ³	Other Limits Recommended	% (optional)
Portland Cement	65977-15-1	5	10		20-30
Silica	14808-60-7	0.1	0.1		20-30
Clay	132-58-7	5	10		3-7
Vinyl	108-05-4	5	10		10-20
Limestone	474-34-1	5	10		25-35

Section III – Physical/Chemical Characteristics

Boiling Point: N/A	Specific Gravity (H ₂ O = 1) 2.8
Vapor Pressure (mm Hg.) N/A	Melting Point % Volatile (Volume) N/A
Vapor Density (Air = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water Negligible	
Appearance and Odor Grayish solid.	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limitations N/A	LEL	UEL
Extinguishing Media Water, spray foam, CO ₂ , or dry chemical.			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None.			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	Reacts with acid to liberate CO ₂ .
Incompatibility (Materials to Avoid)			Oxides of carbon
Hazardous Decomposition or Byproducts			None
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	✓	None Known

Section VI – Health Hazard Data

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

Health Hazards (Acute and Chronic)

Eye Contact: May cause eye redness or irritation.

INHALATION: Prolonged inhalation of excessive silica dust may reduce lung function.

INGESTION: May cause gastrointestinal irritation. **SKIN:** May cause temporary redness or skin rash.

Carcinogenicity? NO

NTP? NO

IARC Monographs? NO

OSHA Regulated? Yes

Signs and Symptoms of Exposure: No acute effects. Long-term overexposure to high concentrations of this dust without the use of a dust mask may reduce respiratory function in some individuals.

Medical Conditions: Unknown

Emergency and First Aid Procedures:

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

Inhalation: Remove individuals to fresh air. Seek medical attention.

Skin contact: Wash affected area with soap and warm water.

Ingestion: Seek medical attention.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled

Material is not classified as a toxic pollutant or hazardous substance under Section 307 and 311 of the Clean Water Act. Accidental releases can be cleaned up by sweeping, vacuuming, or flushing with water.

Waste Disposal Method

Material is not classified as hazardous waste under RCRA Section 3001. Dispose of material in accordance with all applicable Federal, State, and Local regulations.

Precautions to be taken in Handling and Storing

Avoid breathing vapors. 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

None.

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

Gloves are recommended.

Eye Protection

Goggles or safety glasses with side shields.

Other Protective Clothing or Equipment

None.

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.