

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

MOISTUREGUARD

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)
Ammonium Hydroxide	1336-21-6	STEL 35ppm	25 ppm	STEL 35 ppm	< 0.50

Section III – Physical/Chemical Characteristics

Boiling Point: 212 °F	Specific Gravity (H ₂ O = 1) 1.50 – 1.60
Vapor Pressure (mm Hg.) 17.5 @ 20 °C	Melting Point % Volatile (Volume) 45-55
Vapor Density (Air = 1) >1	Evaporation Rate (Butyl Acetate = 1) > 1
Solubility in Water Water thinnable	Coating VOC = 25 g/L Material VOC = 12 g/L
Appearance and Odor Light gray viscous liquid . Slight latex odor.	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limitations N/A	LEL N/A	UEL N/A
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Extinguishing Media
Water spray, 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
Material can splatter above 100°C/212°F. Dried material can burn.

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	Do not allow product to freeze.
Incompatibility (Materials to Avoid)			Strong oxidizing agents.
Hazardous Decomposition or Byproducts			May yield toxic fumes.
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 gastrointestinal irritation, possible liver and kidney injury.

SKIN: May cause temporary redness or skin rash.

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

Repeated overexposure to the solvents in this product can cause adverse reproductive effects, liver damage and/or kidney damage.

Signs and Symptoms of Exposure: Skin and respiratory irritation.

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. 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. Give 2 glasses of water to drink. Call physician immediately. Evacuation of the stomach is recommended.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled

Contain spills immediately with inert material (e.g. earth or sand). Transfer liquids and solid diking material to separate suitable containers for recovery and disposal. 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 closed 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. Store product between 50-90°F.

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

Chemically resistant apron recommended.

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.