

**MATERIAL SAFETY DATA SHEET**

**SECTION I. IDENTIFICATION OF PRODUCT**

Name: Perma Crete  
Identity: Indoor/Outdoor Sealer      MSDS Number: 133      Date: 11/23/2004      Supersedes: 10/11/2004  
TOXICITY: 1      FIRE: 0      REACTIVITY: 0      PROTECTION: B

**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Name	CAS Number	PEL	TLV	%
2-Butoxyethanol	111-76-2	25ppm skin	25ppm skin	<3
Acrylic Polymer	Proprietary	NE	NE	<40

**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: 212° F	Specific Gravity: 1.021 ± 0.005	Vapor Pressure (mm Hg.): ND	Melting Point: ND
Vapor Density (Air = 1): 1	Evaporation (H2O = 1):1	Water Solubility: Complete	pH @ 77°F: 8.00 ± 0.06
			VOCgm/L: 24

Appearance and Odor: Milky white liquid, acrylic odor

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

Flash Point (TCC): None	% LEL: ND	% UEL: ND	Flammable Limits: ND
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Extinguishing Media: Water fog, foam, carbon dioxide or dry chemical

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and protective clothing.

Unusual Fire and Explosion: None known

**SECTION V. HEALTH HAZARD DATA**

Route(s) of Entry: INHALATION? No      EYES? Yes      SKIN? No      INGESTION? No

**(Acute) Health Hazards:**

Eyes: May cause irritation

Skin: Not likely to cause ill-effects

Ingestion: May cause gastric distress

Inhalation: Not likely to cause ill effects

**(Chronic) Health Hazards:** None Known

**Signs and Symptoms of Exposure:**

Eyes: Stinging sensation

Skin: May cause skin discomfort on prolonged contact

Ingestion: Stomach upset

Inhalation: Not likely to be injurious

Medical Conditions Generally Aggravated by Exposure: None reported

**Emergency First Aid Procedures:**

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Ingestion: Obtain immediate medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

#### SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC No OSHA REGULATED? No

#### SECTION VII. REACTIVITY DATA

Stability: Stable Hazardous Polymerization Will Not Occur

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition Byproducts: Oxides of carbon and carbon monoxide

#### SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Mop up and put in empty container and cover

Large Spills: Dike area and absorb into neutral material or pump up

Disposal: Meet Federal, State & Local Requirements

Handling and Storage: Store in cool, dry well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

#### SECTION IX. CONTROL MEASURES

Respiratory Protection: Not normally indicated when used as directed

Ventilation: Normal indoor

Local Exhaust: Not normally indicated

Mechanical (General): Not normally indicated

Protective Gloves: Rubber or vinyl, Latex

Eye Protection: If splashing is likely

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

#### SECTION X. DOT INFORMATION

NOT REGULATED

#### SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: No

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA – Not Available

NE- Not Established

ND – Not Determined