

Date Prepared: 04-26-07

**MATERIAL SAFETY DATA SHEET (Prepared According to 29 CFR 1910.1200)****SECTION 1 – PRODUCT INFORMATION**

Distributor: Swiss Clean, Inc.  
 Address: 3650 – 44<sup>th</sup> St. SE, Kentwood, MI 49512  
 Trade Name: Phoenix Armorcoat

Emergency Phone: 1-800-424-9300

Product Type: Floor Sealer

**SECTION 2 – INGREDIENTS**

Chemical Name/Common Name	CAS No.	% (Optional)	TLV (Source)
Diethylene Glycol Monoethyl Ether (Sect. 313 Listing)	111-90-0	1-5%	None Established

**SECTION 3 – PHYSICAL DATA**

Boiling Point (°F): 212° F (IBP) Specific Gravity (H<sub>2</sub>O=1.0): 1.02 ±0.005 pH: 8.6 ±0.5  
 Vapor Pressure (mm Hg): Not Determined Vapor Density (Air=1): Not Determined  
 Solubility in water: Emulsifiable (or Dispersible) Evaporation Rate (vs. H<sub>2</sub>O): Faster  
 Appearance and Odor: Milky white liquid emulsion with characteristic acrylic odor.  
 Slip Resistance: This product meets or exceeds standards for slip resistance (ASTM D 2047-75), but manufacturer/distributor is not responsible for slips or falls when products is used on quarry tile, ceramic, brick, marble, stone or other hard or irregular floors.

**SECTION 4 – FIRE AND EXPLOSION HAZARD DATA**

Flash Point (T.C.C.): None to boiling Flammable Limits: N/A  
 Extinguishing Method: Product is non-combustible. Water spray (Fog), Dry Chemical, CO<sub>2</sub>, or Foam may be used where stored.  
 Special Firefighting Procedures: Do not enter confined fire-spaces without protective clothing and self-contained air supply.  
 Unusual Fire and Explosion Hazards: None.

**SECTION 5 – REACTIVITY DATA**

Stability: Stable Incompatibility: Acids or salt solutions will coagulate polymer. Strong oxidizers.  
 Hazardous Decomposition Products: Burning may produce oxides of carbon and other substances.

**SECTION 6 – HEALTH HAZARD DATA**

Primary Routes of Exposure: Eye, Oral  
 Signs and Symptoms of Overexposure (Acute): Direct contact with eyes may cause irritation and redness and swelling of conjunctiva. May cause skin irritation. Vapors and mists may cause respiratory tract irritation. Ingestion may cause C.N.S. depression (dizziness, fatigue, headache) and irritation of G.I. tract.  
 Signs and Symptoms of Overexposure (Chronic): None currently known  
 Medical Conditions Aggravated by Overexposure: An existing dermatitis.  
 Carcinogen or Suspect Carcinogen Ingredients: None

**SECTION 7 – EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Flush with water for at least 15 minutes and call a physician immediately.  
 Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.  
 Ingestion: Do not induce vomiting. Dilute by drinking water. Seek immediate medical attention.  
 Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered, call a physician.

**SECTION 8 – SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Not required under normal use conditions with good general ventilation.  
 Ventilation Requirements: N/A Eye Protection: Safety Glasses/Goggles Protective Gloves: PVC/Rubber  
 Other Protective Clothing: Protective clothing appropriate to minimize contact during specific operations

**SECTION 9 – SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled: Spills can create an extreme slip hazard. Stop leak if you can without risk. Restrict entry to spill area and dike large spills to prevent run off. Mop, pump or take up with inert absorbent and reclaim for reuse, recycle or proper disposal.

Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and Local regulations.

**SECTION 10 – STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storage: Do not freeze. Do not use on surfaces colder than 45°F. Floors can become slippery when wet. Clean up spills promptly. Failure to follow the above precautions could lead to product failure or slippery conditions. Keep container closed when not in use. Wash thoroughly after handling.

The Health hazards given on this Material Safety Data Sheet Apply to this product in it's concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

**HMIS HAZARD RATING**

HEALTH	1
FLAMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme