

# MATERIAL SAFETY DATA SHEET

## UNIQUE PAVING MATERIALS CORPORATION

**Date Prepared: January 12, 2007**  
**Date Reviewed: January 12, 2008**

### 1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name(s): Pavegrip®

Company: **Unique Paving Materials Corporation**  
**3993 East 93<sup>rd</sup> Street**  
**Cleveland, Ohio 44105**

Emergency Telephone Numbers: (216) 341-7711 (8:00 am-4:30 pm Mon-Fri)  
(800) 424-9300 CHEMTREC

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### IDENTIFICATION:

**Product Name:** Pavegrip  
**Chemical Name and/or Family:** Proprietary Mixture  
**C.A.S. Number:** Blend  
**Formula:** Proprietary  
**M.S.D.S. Effective Date:** January 12, 2007

### COMPOSITION and INFORMATION on INGREDIENTS:

<u>Component Limits</u>	<u>C.A.S. #</u>	<u>%</u>	<u>Exposure</u>
Proprietary Mixture		100	NE

### HAZARD IDENTIFICATION:

**Health Hazard:** Liquid: is severely irritating to the eyes and may cause irreversible damage. Vapors: causes irritation, tearing and burning sensation. The vapors of many amines cause the eyes to perceive a halo around lights.  
Skin contact may cause moderate injury, reddening, and swelling.  
Chronic, May cause allergic respiratory reactions.  
Chronic, May cause allergic skin reactions.  
Acute, Severe irritant or corrosive if ingested.  
Chronic, May be toxic if swallowed.

**Primary Routes of Entry:**

**Inhalation**..... Severe Irritant  
**Skin** ..... Corrosive  
**Ingestion** ..... Severe Irritant; Harmful

**Over Exposure Effects:**

*Ingestion Overexposure:* May be harmful if swallowed. Can cause severe irritation and inflammation of the mouth, throat, and stomach. Severe stomach pains follow with possible loss of consciousness. May lead to serious illness or death.  
*Inhalation:* Exposure to vapor, mist or liquid can produce severe irritation or burns of the respiratory tract. Severe exposures could result in chemical pneumonia.  
*Eyes:* Contact with eyes can cause severe damage, including burns and blindness. The severity of the effects depends on the concentration and how soon after exposure the eyes are washed. The vapors of many amines cause the eyes to perceive a halo around lights.  
*Skin:* Corrosive. Prolonged or repeated contact, even to dilute concentrations, can cause a high degree of tissue damage. Irritation or burns of the skin may be delayed from initial contact. The severity of the tissue damage, depend on the exposure time.

**Carcinogenicity:**

**NTP** ..... No  
**IARC** ..... No  
**OSHA** ..... No

**Hazardous Materials Identification System Rating:**

**Health** ..... 3  
**Flammability**..... 1  
**Reactivity** ..... 0

**FIRST AID MEASURES:**

**First Aid Procedures:**

**EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. (If easy to do, remove contact lenses, if worn). Get medical attention immediately.  
**SKIN CONTACT:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Destroy contaminated shoes. If shoes are not completely contaminated, thoroughly clean shoes before reuse  
**INHALATION:** Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give Oxygen if breathing is labored. Get emergency medical help. Contact physician immediately.  
**INGESTION: DO NOT** induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

## FIRE FIGHTING MEASURES:

<b>Flash Point:</b>	359° F.
<b>Flammable Limits:</b>	
<b>Lower</b> .....	ND
<b>Upper</b> .....	ND
<b>Extinguishing Media:</b>	Water fog or spray, Foam, Dry Chemical, Carbon Dioxide (CO <sub>2</sub> ).
<b>Unusual Fire Hazard:</b>	Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

## ACCIDENTAL RELEASE MEASURES:

<b>Spill or Leak:</b>	In case of spillage, absorb with inert material such as kitty litter. Sweep up, place in a DOT approved container, and dispose of in accordance with applicable federal, state, and local regulations.
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## HANDLING and STORAGE PROCEDURES:

<b>Precautionary Handling:</b>	Do not get in eyes, on skin, or on clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing and shoes. If needed, take emergency firstaid action shown in this Material Safety Data Sheet.
<b>Storage:</b>	Store away from acids. Store away from oxidizers or materials bearing a yellow "DOT" label.

## EXPOSURE CONTROLS and PERSONAL PROTECTION:

<b><u>Ventilation:</u></b>	
<b>Mechanical</b> .....	Desired in closed places
<b>Local</b> .....	Recommended
<b>Respiratory Protection:</b>	Not required under normal conditions in a well-ventilated workplace. If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator.
<b>Eye Protection:</b>	Use goggles and/or face shield if splashing is likely
<b>Protective Clothing:</b>	Wear impervious gloves, apron
<b>Threshold Limit Value:</b>	None established for this blend or its components

## PHYSICAL and CHEMICAL PROPERTIES:

**Appearance and Odor:** Brown Viscous Liquid. Ammoniacal Odor.  
**Boiling Point:** > 450° F  
**Freezing Point:** ND  
**Vapor Pressure (mmHg):** ND  
**Vapor Density (Air = 1):** ND  
**pH Value:** Alkaline  
**Solubility in Water:** < 3%  
**Specific Gravity (Water = 1):** 1.00 - 1.02 @ 25° C

## STABILITY and REACTIVITY:

**Chemical Stability:** Stable  
**Conditions to Avoid:** Avoid contact with Oxidizers or Oxidizing Materials. Avoid contact with Acids.  
**Incompatible Materials:** Oxidizers or Oxidizing Materials.  
Strong Acids.  
**Decomposition Products:** From Fire: Smoke, Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, Oxides of Ammonia, Sodium  
**Hazardous Polymerization:** Will Not Occur  
**Polymerization Avoid:** None

## TOXICOLOGICAL INFORMATION:

**Acute oral toxicity** LD50 rat > 500 mg/kg  
**Acute dermal toxicity** > 1000 mg/kg rabbit  
**Skin irritation** rabbit  
**Result: Corrosive and destructive to tissue.**

## DISPOSAL CONSIDERATIONS:

**Waste Disposal Method:** Hazardous Waste. Follow Federal and State and Local Regulations for Hazardous Waste Disposal.  
**EPA Hazard Waste Codes:** D002 - Characteristic of Corrosivity

## TRANSPORTATION INFORMATION:

### **U.S. D.O.T.**

**Proper Shipping Name** Corrosive liquids, basic, organic, n.o.s. (Polyalkylamine)  
**UN NO.:** 3267  
**Class:** 8  
**Packing Group:** III

**TDG (Canada):**

Proper Shipping Name Corrosive liquids, basic, organic, n.o.s. (Polyalkylamine)  
Hazard Class: 8  
UN NO.: 3267  
Packing Group: III  
Note: No additional remarks

**REGULATORY INFORMATION:**

**Notice** The following information is presented in good faith and is believed to be accurate, as of the revised date shown above. No warranty is therefore, expressed or implied. Regulatory information requirements are subject to change as governmental regulations change.

**TSCA: Toxic Substances Control Act:** All chemical substances contained in this product are listed in the TSCA Inventory List. (This, however, does not imply that all products are "toxic".)

**EPA: Environmental Protection Agency:**

**SARA: Superfund Amendments and Reauthorization Act**

Title III, Section 313 (Toxic Chemicals): None  
Reportable Quantity (RQ): None  
Threshold Planning Quantity (TPQ): None  
Title III, Section 311 (Hazard Categories):  
Acute .....Yes  
Chronic .....Yes  
Ignitable .....No  
Reactive .....No  
Sudden Release of Pressure ....No

**CERCLA: The Comprehensive Environmental Response, Compensation, and Liability Act of 1980:**

Reportable Quantity (RQ):.....None

**Clean Air Act:**

Sections:.....NA

**Clean Water Act:**

Sections:.....NA

**INTERNATIONAL REGULATIONS: (Not meant to be all-inclusive --selected regulations represented)**

**Canadian Inventory Status:** This product, or its components, are listed on the Canadian Domestic Substances List (DSL).

**WHMIS Status:**



## MISCELLANEOUS OTHER INFORMATION:

**Product Packaging:** Various

**Footnotes:** ND - No Data Available  
NA - Not Applicable  
NE – Not Established  
< = Less Than  
> = Greater Than

This product's safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The information contained herein, is based on data available to us and is believed to be accurate, although no guarantee or warranty is provided by this company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal regulations concerning the product. *All materials in this product are produced in compliance with Public Law 94-469 (also known as the "Toxic Substances Control Act" of 1976).*

**The information contained in this MSDS is believed to be accurate as of the time that this document was prepared. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical(s) is the sole responsibility of the user. Users of any chemical should satisfy themselves that the conditions and methods of use assure that the chemical is used safely.**

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