

Material Safety Data Sheet

Revision Issued: 10/13/2008 Supercedes: 1/22/2007 First Issued: 11/13/1990

Section I - Chemical Product And Company Identification

Product Name: Desert Brand Paver Tile Sealer

CAS Number: N/A

HBCC MSDS No. CD05502



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Section II - Composition/Information On Ingredients

Chemical Name	CAS Number	Exposure Limits (TWAs) in Air		
		ACGIH TLV	OSHA PEL	STEL
Dipropylene glycol methyl ether	34590-94-8	100 ppm	100 ppm	150 ppm
Ethylene Glycol	107-21-1	100 mg/m ³	100 mg/m ³	N/A
Acrylic Copolymer Emulsion	Proprietary	N/A	N/A	N/A
Ethylene Glycol Monobutyl Ether	111-76-2	25 ppm	25 ppm	N/A
2-Butoxyethanol Phosphate	78-51-3	N/A	N/A	N/A
Urethane Hybrid Polymer	Pending	N/A	N/A	N/A

Section III - Hazard Identification

Routes of Exposure: Desert Brand Clear Paver Sealer can affect the body if it is inhaled, ingested, or comes in contact with the eyes and skin.

Summary of Acute Health Hazards

Ingestion: Can cause digestive tract irritation. Symptoms include sore throat, abdominal pain, nausea, vomiting and diarrhea.

Inhalation: Vapors are irritating to the eyes, nose and throat. Symptoms include red, itchy eyes, dryness of the throat and tightness in chest. Other symptoms may include headache, dizziness, nausea, narcosis, fatigue and a loss of appetite.

Skin: Can cause irritation and drying of skin. Prolonged or repeated exposure is harmful. Absorption through skin may produce effects similar to those identified under inhalation.

Eyes: Can cause irritation. Contact can produce pain, tearing, reddening and swelling.

Signs and Symptoms of Exposure: Contact with skin or eyes may cause irritation. Breathing of the vapor may irritate the nose and throat.

Effects of Overexposure: May cause anesthesia, headache, nausea, or dizziness.

Medical Conditions Generally Aggravated by Exposure: N/A

Section IV - First Aid Measures

Ingestion: Do not induce vomiting unless advised to do so by a physician. GET MEDICAL ATTENTION.

Inhalation: Remove victim to fresh air and restore breathing if required. GET MEDICAL ATTENTION, if needed.

Skin: Flush skin with plenty of water. If rash develops, get medical attention.

Eyes: Immediately flush with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION, if discomfort persists.

Section V - Fire Fighting Measures

Flash Point: N/A

Autoignition Temperature: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Unusual Fire and Explosion Hazards: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. A fire causes irritating and/or toxic gases to form along with smoke from combustion/decomposition. Closed containers may explode when exposed to extreme heat. The solid residue will support combustion after the water has evaporated.

Extinguishing Media: Use foam, carbon dioxide or dry chemical and water fog.

Special Firefighting Procedures: Water may be used to keep closed containers cool and prevent pressure build up. Wear a self-contained breathing apparatus (pressure-demand, MSHA/NIOSH-approved or equivalent) and full protective gear.

Section VI - Accidental Release Measures

Eliminate all sources of ignition. Provide adequate ventilation. Clean-up crew should wear proper protective equipment. Dike or impound spilled material. Control further spillage if possible. Cover spill with sawdust, vermiculite or other absorbent material and dispose of properly in conformance with Federal, State and local regulations.

Section VII - Handling and Storage

Store in a cool, dry, well ventilated area. Do not store under 37°F or over 100°F. Never exceed 140°F or below 32°F.

Other Precautions: Protect material from foreign contamination by keeping containers tightly sealed.

Section VIII - Exposure Controls/Personal Protection

Respiratory Protection: All-purpose canister mask or air-supplied mask if the TLV is exceeded. Only MSHA or NIOSH approved respirators should be used.

Ventilation: Local is preferable, but mechanical is acceptable.

Protective Clothing: Solvent resistant gloves are advisable, and goggles or a face shield should be used.

Other Protective Clothing or Equipment: Safety showers and eye wash stations should be easily accessible to the work area.

Work/Hygienic Practices: Employees who handle Desert Brand Clear Paver Sealer should wash their hands thoroughly before eating, smoking, or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Section IX - Physical and Chemical Properties

Physical State: Liquid

pH: 8.0-9.0

Melting Point/Range: N/A **Boiling Point/Range:** > 100°C; > 212°F
Appearance/Color/Odor: Clear, white and various colors, neutral to slight resin odor.
Solubility in Water: Miscible **Vapor Pressure(mmHg):** N/A
Specific Gravity(Water=1): 1.02-1.04 **Molecular Weight:** N/A
Vapor Density(Air=1): N/A **% Volatiles:** 78.2-80.2% by volume
How to detect this compound : N/A **VOC:** < 100 grams/liter; 0.83 lbs./gal.

Section X - Stability and Reactivity

Stability: Stable **Hazardous Polymerization:** Will not occur
Conditions to Avoid: Heat or Flames **Materials to Avoid:** Strong oxidizers
Hazardous Decomposition Products: Normal combustion products including carbon dioxide, carbon monoxide, and oxides of nitrogen.

Section XI - Toxicological Information

N/A

Section XII - Ecological Information

N/A

Section XIII - Disposal Considerations

Dispose of in accordance with applicable local, county, state and federal regulations.

Section XIV - Transport Information

DOT Proper Shipping Name: N/A
DOT Hazard Class/ I.D. No.: N/A

Section XV - Regulatory Information

WARNING
This product contains chemicals known to the State of California to cause cancer.
Reportable Quantity: N/A
NFPA Rating: Health - 1; Flammability - 0; Instability - 0
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme
Carcinogenicity Lists: Yes **NTP:** No **IARC Monograph:** No **OSHA Regulated:** No

Section 313 Supplier Notification: This product contains the following toxic chemical(s) subject to the reporting requirements of SARA TITLE III Section 313 of the Emergency Planning and Community Right-To Know Act of 1986 and of 40 CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>% By Weight</u>
121-44-8	Diethylethanamine	< .01%

Section XVI - Other Information

Synonyms/Common Names: Clear Acrylic Polyurethane Sealer

Chemical Family/Type: Acrylic Latex

Sections changed since last revision: I, II, V, IX, XV, XVI

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.