

MATERIAL SAFETY DATA SHEET

HELMIBOND 57-066

DATE: December 5, 2004

Burke BR-711 Rubber and Vinyl Stair Tread and Tile Adhesive

1. Chemical Product and Company Identification:

MANUFACTURER: HELMITIN, INC
US: 11110 AIRPORT ROAD
OLIVE BRANCH, MS 38654
662-895-4565

CANADA: 99 SHORECLIFFE ROAD
TORONTO, ONTARIO M8Z 5K7
416-239-3105

EMERGENCY PHONE:

800-424-9300 (CHEMTREC)

613-996-6666 (CANUTEC)

TRADE NAME: HELMIBOND 57-066

PRODUCT DESCRIPTION: WATER BASED ACRYLIC ADHESIVE

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS:

MATERIAL	CAS #	% BY WT.	OSHA EXPOSURE GUIDELINES TLV-TWA	PEL-STEL
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No known hazardous ingredients at levels above 1% by weight

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVEIW: Can cause eye irritation

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause slight irritation.

SKIN CONTACT: No effect known.

INGESTION: Not likely to occur. If swallowed, no side effects known.

INHALATION: No effect known.

CHRONIC EFFECTS / CARCINOGENICITY:

IARC: Not suspected as a human carcinogen.

OSHA: Not suspected as a human carcinogen.

NTP: Not suspected as a human carcinogen.

OTHER: None known.

4. FIRST AID MEASURES:

EYES: Immediately flush with water for 15 minutes. Contact a physician if irritation occurs.

SKIN: Wash with soap and water. Contact a physician if irritation occurs.

INGESTION: Induce vomiting, contact a physician.

INHALATION: Remove to fresh air. Contact a physician if irritation occurs.

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5. FIRE FIGHTING MEASURES AND FIRE HAZARDS:

FLASH POINT (°) F: None.
LOWER FLAMMABLE LIMIT: None.
UPPER FLAMMABLE LIMIT: None.

FIRE-FIGHTING INSTRUCTIONS: Use protective clothing and self-contained breathing apparatus.

EXTINGUISHING MEDIA: Water fog, CO₂, dry chemical, and chemical foam.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO₂, H₂O, N_xO, and other products from the burning of aromatic hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dispense sand or vermiculite. Collect and place in waste container. Wash area thoroughly with water.

7. HANDLING AND STORAGE:

HANDLING: Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.) Keep out of the reach of children.

STORAGE: Store above 40°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not normally required with good ventilation.

SKIN PROTECTION: Wear gloves if contact with material is likely.

EYE PROTECTION: Wear splash goggles if contact with material is likely.

ENGINEERING CONTROLS: Normal room ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE AND ODOR: White colored paste with little or no odor.

SPECIFIC GRAVITY (WATER = 1): 1.26

BOILING POINT (°F): 212

VAPOR PRESSURE: Same as water.

VAPOR DENSITY (air=1): Same as water.

% VOLATILE BY WEIGHT: 43

pH: 8.21

10. STABILITY AND REACTIVITY:

CHEMICAL STABILITY: Stable.

INCOMPATIBLE MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

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11. TOXICOLOGICAL INFORMATION:

This product has been tested for toxicity (acute inhalation; acute dermal; skin irritation; oral) and has been found to be non-toxic as defined by The Federal Hazardous Substance Act, 16 CFR 1500.3.

12. ECOLOGICAL INFORMATION:

No information available.

13. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with Federal, State and Local regulations.

PROPER WASTE DISPOSAL IS THE RESPONSIBILITY OF THE OWNER OF THE WASTE!

14. TRANSPORTATION INFORMATION:

For domestic transportation purpose, this product is not designated as a hazardous material by the U.S. Department of Transportation (DOT).

15. REGULATORY INFORMATION:

TSCA: All ingredients are listed under the Toxic Substance Control Act

Volatile Organic Compounds: 0 lbs/gallon (SCAQMD Rule 1168)

HMIS RATINGS: Health = 1 Flammability = 1
 Reactivity = 0 Personal Protective Equipment = B

Hazard Index: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

16. OTHER INFORMATION:

All employees, contractors, etc., who use this product must have access to this Material Safety Data Sheet.
PREPARED BY: Helmitin, Inc. Laboratory (rw)

17. DEFINITIONS

CFR: Code Of Federal Regulations. A collection of regulations established by law.

CARCINOGEN: A material that either causes cancer in humans, or is considered capable of causing cancer in humans.

COMBUSTIBLE: A term used to classify certain materials with low flash points that ignite easily. For OSHA it has a flash point >100°F but below 200°F.

D.O.T.: U.S. Dept. Of Transportation

FLASH POINT: The lowest point at which a liquid gives off sufficient vapor to form an ignitable mixture with air.

HAZARDOUS: Any substance or mixture of substances having properties capable of producing adverse effects on the health or safety of a human.

IARC: International Agency for Research on Cancer

IRRITANT: A substance capable of causing an inflammatory effect on living tissue by chemical action at the site of contact.

LD50: LETHAL DOSE 50. The single dose of a substance that causes death of 50% of an animal population from exposure to the substance from any route other than inhalation.

L.E.L.: Lower Explosive Limit. The lowest concentration of vapor that burns or explodes when an ignition source is present at ambient temperatures.

L.F.L.: Lower Flammable Limit. Same as L.E.L.

N.A.: Not applicable or not available.

N.E.: Not established

N.F.P.A.: National Fire Protection Association

N.I.O.S.H.: National Institute of Occupational Safety And Health.

N.T.P. National Toxicology Program.

O.S.H.A.: The Occupational Safety And Health Administration

P.E.L.-S.T.E.L.: Permissible Exposure Limit, Short Term Exposure Limit.

T.L.V.-T.W.A.: Threshold Limit Value, Time Weighted Average

T.S.C.A.: Toxic Substance Control Act

TOXIC: Any chemical or material that has evidence of an acute or chronic health hazard and is listed in the NIOSH REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES.

V.O.C.: Volatile Organic Compound