

MATERIAL SAFETY DATA SHEET

COPPER AQUA/FLASH

SECTION 1: MATERIAL IDENTIFICATION AND USE

Manufacturer's Name: Hammerbeam, Inc.
Address: 886 Washington Street, PO Box 381, Dedham, MA 02027
Telephone Numbers: Information / Emergency: (617) 461-1946
Effective Date: October 1, 1996
Chemical Family: Mixture
Chemical Formula: Proprietary
Material Use: Self Adhesive Membrane

SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Component	OSHA-PEL	ACGIH TLV	LD50	% Wt
Petroleum Asphalt CAS # 64742-93-4	--	5.0 mg/m	5-15 g/kg	>50%
Petroleum Oil CAS # 64742-04-7	--	0.2000 TWA	--	<15%

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:
Not Applicable

Specific Gravity(H₂O=1):
1.2

Vapor Pressure (mmHg):
Not Applicable

Melting Point:
>200 (Degrees) F

Vapor Density(Air=1):
Not Applicable

Evaporation Rate (Bu AC=1):
Not Applicable

Solubility In Water:
Insoluble

Appearance and Odor:
Black Solid
Slight Petroleum Odor

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (method):
>410 (Degrees) F (T.O.C.)

Upper Explosion Limits:
Not Determined

Sensitivity to Static Discharge:
Not Determined

Lower Explosion limits:
Not Determined

Extinguishing Media:
Standard Fire Extinguisher: Water Spray, Regular Foam, Dry Chemical or Carbon Dioxide.

Special Fire Fighting Procedures:
The use of self-contained breathing apparatus is recommended for firefighters.

Unusual Fire and Explosion Hazards: None Known

Flammability: Will Support Combustion

Under What Conditions: Direct Flame

SECTION 5: REACTIVITY DATA

Stability:
Stable

Conditions to Avoid:
Not Applicable

Incompatibility:
Not Applicable

Hazardous Decomposition / Combustion Products:
Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen and Sulfur

Hazardous Polymerization:
Will Not Occur

Conditions to Avoid:
Not Applicable

SECTION 6: HEALTH HAZARD DATA

Primary Routes of Entry:	Inhalation	Skin	Ingestion
		XX	XX

Effects of Overexposure (Acute and Chronic):

Skin: Avoid contact with skin. Excessive exposure may cause irritation to eyes, nose, throat and skin. Prolonged and repeated skin contact may cause skin irritation or may cause skin cancer.

Ingestion: Slightly toxic

Emergency and First Aid Procedures:

Inhalation: Not Applicable

Skin: Wash thoroughly with soap and water. If redness or irritation develops, obtain medical assistance.

Eyes: Flush with water at least 15 minutes. Obtain medical assistance.

Ingestion: Drink liquids. Obtain medical assistance.

SECTION 6: HEALTH HAZARD DATA (con't)

Medical Conditions Aggravated By Exposure:

Disorders or Diseases of the Skin, Eye, Respiratory Track or Allergies

Carcinogenicity	NTP	IARC Monographs	OSHA Regulated
Yes	No	Yes	Yes
Irritant	Sensitizer	Mutagenic	Teratogenic
Yes	Yes	No	No

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Leak and Spill Procedures:

Follow Federal, State and Local Regulations
Not a RCRA Hazardous Waste

Waste Disposal Method:

Dispose in a licensed waste disposal facility in accordance with all applicable federal, state and local laws, codes and regulations.

Precautions to be Taken in Handling And Storage:

Do not ingest. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling, especially prior to eating or smoking. Launder soiled clothes.

Other Precautions:

Keep Out of Reach of Children

SECTION 8: EXPOSURE CONTROL

Respiratory Protection:

Not Applicable

Ventilation:

Not applicable

Protective Gloves:

Yes, Polyvinyl chloride (PVC), neoprene, nitrile, polyvinyl alcohol (PVA) or viton gloves have been found to be effective.

Eye Protection:

Not Applicable

Other Protective Clothing or Equipment:

Not Applicable

Hygienic Practices:

Wash thoroughly after handling, especially prior to eating or smoking. Wash clothing before reuse.

SECTION 9: REGULATORY INFORMATION

UN/NA ID Number:	Not Applicable
RCRA Hazardous Waste:	Not a RCRA Hazardous Waste
Proper Shipping Name:	Asphaltic Roofing Material
Dot Hazard Class:	Not Required
Identification Number:	Not Required
Volatile Organic Content:	Not Applicable
Label Requirements:	Not Required

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