HOHMANN & BARNARD, INC.
a MiTek company

SAFETY DATA SHEET

1. Identification

Product Identifier: **xxx** Copper Fabric Flashing

Manufacturer:

Hohmann & Barnard, Inc.
30 Rasons Court
Hauppauge, NY 11788
(631) 234-0600
www.h-b.com

Telephone Numbers
During normal business hours call: (800) 645-0616
24-hour emergency call Chemtrec: (800) 255-3924

2. Hazards Identification

Health studies have shown that individual sensitivities vary from person to person. As a precaution, exposure to vapors, liquids, mists, or fumes should be minimized

IARC: In March 1987, the International Agency for Research on Cancer (IARC) classified extracts of steam and air refined bitumens (such as cutback asphalts) as possibly carcinogenic to humans (Group 2B). This classification was based on a combined evaluation of published human and animal studies. IARC concluded that the human studies did not provide adequate evidence that extracts of steam and air-refined bitumens caused cancer in humans. No epidemiological study of workers exposed only to bitumens is available. The 2B classification was substantially based on experimental animal studies.

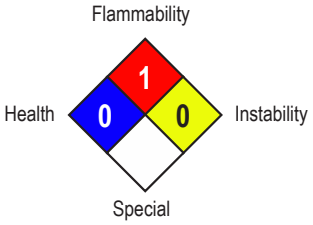
ACGIH, NTP, OSHA: No components listed as carcinogens hydrocarbons, which have been shown.

WARNING: Hydrogen sulfide (H2S), an extremely flammable, colorless, highly toxic gas, is emitted from heated (above 450ºF) asphalt and may accumulate in storage tanks and bulk transport compartments. Prolonged breathing (greater than 1 hour) of concentrations of H2S around 50 ppm can produce eye and respiratory tract (mouth, nose and throat) irritation, and at high concentration (around 100 ppm) can result in rapid unconsciousness and death. Since the sense of smell becomes rapidly insensitive to H2S, its odor cannot be relied upon as an indicator of its concentration. Always use caution when working around closed bulk containers of asphalt. Use ventilation or work upwind from sources of fumes or vapors. Use supplied air respirators or self-contained breathing apparatus if the PEL or TLV for H2S is exceeded.

Hazardous Material Information System (HMIS)

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	X

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

* = CHRONIC HEALTH HAZARD
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

POTENTIAL HEALTH EFFECTS:
Eyes: Asphalt components, fibers and fillers can cause severe irritation, redness, tearing and blurred vision.
Skin: Possible mechanical irritant.
Inhalation: Possible respiratory irritant.
Ingestion: An irritant.
Carcinogenicity: IARC classifies extracts of steam and air refined bitumens (such as cutback asphalts) as possibly carcinogenic to humans (Group 2B).

GHS Ratings:
Flammable solid: 2
Oral Toxicity: Acute 4
Serious eye irritation: 2

GHS Hazards:
H228 Flammable solid
H302 Harmful if swallowed
H319 Causes serious eye irritation

GHS Precautions:
P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/lighting/…/equipment
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves/protective clothing/eye protection/face protection
P330 Rinse mouth
P301+P312
IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell
P305+P351+P338
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313
IF eye irritation persists: Get medical advice/attention
P370+P378
In case of fire: Use foam, carbon dioxide, dry chemical or water for extinction
P501 Dispose of contents/container to local regulations

Signal Word: Warning

3. Composition/Information on Ingredients

COMPONENT	CAS NO.	ACGIH TLV	APPROX. WT% CONCENTRATION
Copper	7440-50-8	N/A	85%
Fiberglass Fabric	65997-17-3	10 mg/m3 (dust)*	5%
Petroleum Asphalt	8052-42-4	5 mg/m3 (fume)*	10%

4. First-Aid Measures

Eyes: Flush with large amounts of water for at least 15 minutes. ***Get medical attention.***
Skin: Wash with soap and water or use waterless hand cleaner. Do not use solvents or thinners to clean skin. If irritation persists, ***seek medical attention.***
Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. ***Seek medical attention.***
Ingestion: If victim is conscious, give liquids. ***Do not induce vomiting. Transport to hospital immediately. Get medical attention immediately. Get medical attention immediately.***

5. Fire-fighting measures

Flash Point: Greater than 450ºF
Auto Ignition Temperature: Greater than 905ºF
Flammable or Explosive Limits: N/A

Extinguishing Media and Fire Fighting Procedures: Foam, Carbon dioxide, dry chemical or water. Do not direct water on substance. Water and foam may cause frothing.
Decomposition Products Under Fire Conditions: Carbon monoxide and dioxide, oxides of nitrogen and sulphur and hydrocarbon. Hydrogen sulfide gas (H2S) may be generated (see section E of this MSDS for more H2S information) when and if the product is heated above 450º F or if the product incurs fire conditions.

6. Accidental release measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Assure conformity with applicable governmental regulations.
WASTE DISPOSAL METHODS: No data found.
CLEAN WATER ACT REQUIREMENTS: No data found.
RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS: No data found.

7. Handling and storage

Handling Precautions: Keep containers cool, dry and away from sources of ignition.

8. Exposure controls/personal protection

ENGINEERING CONTROLS: Do not store near heat, sparks, flame or strong oxidants.
ADMINISTRATIVE CONTROLS: No data found.

PERSONAL PROTECTIVE EQUIPMENT
Respiratory Protection: Not normally required. If required, use NIOSH approved dust respirator.
Protective Gloves: Use chemical-resistant gloves, if needed.
Eye Protection: Use safety glasses, splash goggles or face shield when eye contact may occur.
Other Protective Equipment: Use chemical-resistant apron or other impervious clothing, if needed.
Personal Hygiene: Cleanse skin thoroughly after contact, before breaks and meals, and at the end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

VENTILATION
Normal ventilation is usually adequate.

9. Physical and chemical properties

The following are approximate or typical values and should not be used for precise design purposes:
Boiling Range: >450º F for Asphalt
Vapor Pressure: N/A
Specific Gravity: Greater than 1.00 for product
Vapor Density: N/A
Molecular Weight: N/A, complex mixture
Percent Volatile by Vol: N/A
pH: Not determined
Solubility in Water @ ATM and 77º F: Insoluble
Evaporation Rate: N/A
Viscosity: N/A, A composite sheet, a solid

10. Stability and reactivity

STABILITY: Stable – Upon heating above 450º F hydrogen sulfide gas (H2S) may be generated. See section E of this MSDS for more information on H2S.
HAZARDOUS DECOMPOSITION: Carbon monoxide and dioxide, oxides of nitrogen and sulphur, hydrocarbons from combustions.
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Avoid all sources of ignition.
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents such as: liquid chlorine, concentrated oxygen, sodium or calcium, hypochlorite.

11. Toxicological information

Routes of entry: Eyes, Ingestion
Target organs: Eyes, digestive tract.
Overexposure: Persons with a history of chronic skin or respiratory disorders may be at increased risk for worsening their conditions from exposure to this product
Carcinogenicity: IARC classifies extracts of steam and air refined bitumens (such as cutback asphalts) as possibly carcinogenic to humans (Group 2B).

12. Ecological Information
No data found.

13. Disposal Considerations
No data found.

14. Transport information
Refer to latest Department of Transportation Guidebook for Hazardous Materials Incidents, DOT P 5800.3. Not listed as a hazardous material by Federal DOT.

Product label should say: ***CAUTION! CONTAINS PETROLEUM ASPHALT!***

15. Regulatory Information
No data found.

16. Other information
Issue Date: May 31, 2015
Revision Date: May 31, 2015

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is taken from sources or based upon data believed to be reliable; however, Hohmann & Barnard, Inc. disclaims any warranty, express or implied, as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may be required under particular conditions.

The information contained herein is based on current knowledge and experience; no responsibility is accepted and that the information is sufficient or correct in all cases. Users should consider this data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customer, and the protection of the environment.

Hohmann & Barnard, Inc.
30 Rasons Court | Hauppauge, NY 11788
TEL: 800-645-0616 | FAX: 631-234-0683
www.h-b.com