1. Identification
Product Identifier: Coated Woven Polyolefin for Copper Fabric Flashing (Red, Beige Grey)
Manufacturer: Hohmann & Barnard, Inc.
30 Rasons Court
Hauppauge, NY 11788
(631) 234-0600
www.h-b.com

2. Hazards Identification
EMERGENCY OVERVIEW:
Overview: All components of this product are encapsulated within a Polyolefin matrix. When handled as intended and used under normal conditions, the product listed is not expected to pose a physical hazard or health risk to humans. This product does not contain any form of asbestos materials or any other known hazardous materials.
Prevention: Avoid breathing dust, fumes, gas, mist, vapors, and/or spray.
Route of Exposure: Skin, Eye, Ingestion

POTENTIAL HEALTH EFFECTS:
Inhalation: Not expected under normal conditions of use.
Skin: Not expected under normal conditions of use.
Ingestion: Not intended to be ingested (eaten). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract. Eyes: Not expected under normal conditions of use. If material comes in contact with the eyes, it may cause irritation.
Carcinogenicity: This product is not considered a carcinogen.

HAZARD RATING (NFPA)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>SPECIAL NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

HAZARD RATING (HMIS®)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

NFPA – National Fire Protection Association
HMIS® is a registered trademark of the American Coatings Association

Degree of Hazard
0 - Minimal (Insignificant)  1 - Slight  2 - Moderate  3 - Serious (High)  4 - Severe (Extreme)

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name (Common Name)</th>
<th>CAS Number</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene (Polymeric Coating)</td>
<td>9003-07-0</td>
<td>&gt;70% range PP/PE</td>
</tr>
<tr>
<td>Red Color (Red Pigment)</td>
<td>NE</td>
<td>1-5% range</td>
</tr>
<tr>
<td>Polypropylene (Polymeric Coating)</td>
<td>9003-07-0</td>
<td>&gt;70% range PP/PE</td>
</tr>
<tr>
<td>Gray Color (Grey Pigment)</td>
<td>13463-67-7 / 1333-86-4</td>
<td>1-5% range</td>
</tr>
<tr>
<td>Beige Color (Beige Pigment)</td>
<td>NE</td>
<td>1-5% range</td>
</tr>
<tr>
<td>Light Stabilizer (UV Additive)</td>
<td>71878-19-8</td>
<td>0.5-2% range</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variability.

Note: NA = Not Available, NE = Not Established
4. First-Aid Measures
INHALATION: Remove to fresh, uncontaminated air.
SKIN: For minor burns due to molten plastic, use running cold water.
INGESTION: If product is ingested, do not induce vomiting. If vomiting occurs, keep head lower than hips to avoid aspiration of vomit into the lungs, which can cause inflammation or pneumonitis. Get immediate medical attention.
EYES: If material comes into contact with the eyes, immediately flush with plenty of cool water for at least 20 minutes preferably at an eye wash fountain or until irritation subsides, occasionally lifting the eye lids to ensure thorough rinsing. If irritation develops or persists, seek medical attention.

NOTES TO PHYSICIANS/FIRST AID PROVIDERS: None.

5. Fire-fighting measures
EXTINGUISHING MEDIA: Water spray, Foam, Carbon Dioxide, Dry Chemical.
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide, Unidentified organic compounds. If burned, the material could release toxic fumes and smoke.
FIRE FIGHTING PROCEDURES: Combustible. Avoid breathing fumes. Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
FIRE FIGHTER PROTECTION: Molten polyolefin tends to flow or drip; proper protection required. Firefighters should not enter confined space without wearing NIOSH-approved self-contained breathing apparatus with full face mask and protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

6. Accidental release measures
PERSONAL PRECAUTIONS: Not applicable
EMERGENCY PROCEDURES: Not applicable
ENVIRONMENTAL: Not applicable
CLEAN-UP PROCEDURES: Pick up large pieces. Vacuum dust. If sweeping is necessary, avoid creating dusts by using a dust suppressant such as water. This will help to minimize potential exposures.
WASTE DISPOSAL METHOD: Dispose in accordance with Federal, State, and local regulations. Do not burn.

7. Handling and storage
HANDLING PROCEDURES: When handling uncontained material, use personal protective equipment as described in Section 8 of this SDS.
STORAGE PROCEDURES: Store material in accordance with instructions on the product packaging, if any. Material should be kept clean, dry, and in original packaging. Keep this product away from heat, sparks, ignition sources, and open flames in accordance with applicable laws and regulations.
SPECIAL PACKAGING MATERIALS: No data available
INCOMPATIBLE MATERIALS: Not known
OTHER PRECAUTIONS: Comply with OSHA and other safety standards and codes for roof work. Always use Fall Protection Systems when working on roofs. Product may be slippery when wet, dusty or covered with water, ice, dew, frost, or snow.

8. Exposure controls/personal protection
PERSONAL PROTECTIVE EQUIPMENT:
RESPIRATORY PROTECTION: Not needed under normal use conditions.
EYES/FACE PROTECTION: Safety glasses with side shields are recommended.
HANDS PROTECTION: Leather or Cotton gloves recommended when handling to protect against mechanical abrasion. Promptly clean hands with waterless hand cleaner, clean fingernails and wash with soap and water after handling.
SKIN/BODY PROTECTION: Normal work clothing (long sleeved shirts, long pants, and non-skid shoes or boots with 6-inch PROTECTIVE leather uppers) is recommended during application and/or tear-off activities.
EQUIPMENT: Should be provided as necessary to prevent irritation of the throat, eyes, and skin and to keep exposures below the applicable exposure limits identified in this section.
WORK HYGIENE PRACTICES: Use good industrial hygiene practices when handling the material. Wash exposed skin prior to eating, drinking or smoking and at the end of the shift.
EXPERIENCE GUIDELINES: Handle using methods and techniques that minimize dust or fume generation.

ENGINEERING CONTROLS/VENTILATION: Not needed under normal conditions of use.

<table>
<thead>
<tr>
<th>CHEMICAL NAME (Common Name)</th>
<th>CAS Number</th>
<th>EXPOSURE LIMIT</th>
</tr>
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<tbody>
<tr>
<td>Polypropylene (Polymeric Coating)</td>
<td>9003-07-0</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Red Color (Red Pigment)</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Polypropylene (Polymeric Coating)</td>
<td>9003-07-0</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td>Gray Color (Grey Pigment)</td>
<td>13463-67-7 / 1333-86-4</td>
<td>3 mg/m³</td>
</tr>
<tr>
<td>Beige Color (Beige Pigment)</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Light Stabilizer (UV Additive)</td>
<td>71878-19-8</td>
<td>NE</td>
</tr>
</tbody>
</table>

NOTE: NE = Not Established

9. Physical and chemical properties

Physical Form: Solid
Appearance: Sheet in roll form
Color: Red or Beige or Gray
Boiling Point: N/A
Melting Point: >2400 F
Freezing Point: No data
Specific Gravity: Variable
Density: No data
Bulk Density: No data
Viscosity: No data
pH (Undiluted Product): No data
Water Solubility: Insoluble
Solvent Solubility: No data
Partition Coefficient-Octanol / Water: No data
Molecular Weight: No data
Decomposition Temp.: No data
Taste: No data available
Odor: Odorless
Odor Threshold: Not applicable
Vapor Pressure: No data
Vapor Density: No data
Evaporation Rate: No data
VOC (Weight): No data
VOC (Volume): No data
Volatile (Weight): No data
Volatile (Volume): No data
Flash Point: >5700 F
Flash Point Test: Type COC
Upper Explosion Limit: No data
Lower Explosion Limit: No data
Auto Ignition: No data
Flammability (Solid, Gas): No data

10. Stability and reactivity

THERMAL STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION: Upon decomposition this product may form carbon dioxide, carbon monoxide, and unidentified organic compound during heating or burning.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Keep this product away from heat, sparks, ignition sources, and open flames in accordance with applicable laws and regulations.

INCOMPATIBLE MATERIALS: None known

11. Toxicological information

ACUTE EFFECTS: If material comes in contact with the eyes, it may cause irritation. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

CHRONIC EFFECTS: None known

12. Ecological Information

ECOTOXICITY: No data available for this product
PERSISTENCE/DEGRADABILITY: No data available for this product
BIOACCUMULATION POTENTIAL: No data available for this product
MOBILITY IN SOIL: No data available for this product
OTHER ADVERSE EFFECTS (GHG, OZONE): No data available for this product

13. Disposal Considerations

PRODUCT INFORMATION: This product, as supplied, is not expected to be a hazardous waste when it is disposed of according to the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations.

DISPOSAL INSTRUCTIONS: Dispose of waste material in accordance with Federal, State, and Local environmental regulations.
14. Transport information

U. S. DEPARTMENT OF TRANSPORTATION

Proper Shipping Name: N/A
Hazard Class: N/A
ID Number: N/A
Packing Group: N/A
Label Statement: N/A
Other: N/A

INTERNATIONAL TRANSPORT REGULATIONS:

This product is not classified as dangerous goods according to international transport regulations.
UN Number: N/A
UN Proper Shipping Name: N/A
Packing Group: N/A
Environmental Hazards: N/A
Transport in Bulk: N/A
Special Precautions: N/A

15. Regulatory Information

INTERNATIONAL REGULATIONS

These products are not considered articles per international product regulations and as such, these products do not require registration or notification on the various country-specific inventories.

U. S. FEDERAL REGULATIONS

TSCA None
CERCLA None
SARA
Section 302 None of the product components are listed under this section
Section 311/312 None of the product components are listed under this section
Section 313 None of the product components are listed under this section

STATE REGULATIONS

None

Note:

TSCA Toxic Substances Control Act
CERCLA Comprehensive Environmental Response Compensation and Liabilities Act
SARA Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III
Section 302 Extremely Dangerous Hazardous Substances
Section 311/312 Immediate health; Delayed health; Fire hazard
Section 313 Reportable Ingredients

16. Other information

Issue Date: May 31, 2015
Revision Date: May 31, 2015

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