

**1. Identification**

Product Identifier: Film for **Air-Tight™ 40 Waterproofing Membrane**

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

Recommended use: Below Grade Waterproofing Membrane

**2. Hazards Identification**

EMERGENCY OVERVIEW:

Overview: All components of this product are encapsulated within a PE 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.

Storage/Disposal Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

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)

|                       |          |  |
|-----------------------|----------|--|
| <b>HEALTH</b>         | <b>0</b> |  |
| <b>FLAMMABILITY</b>   | <b>1</b> |  |
| <b>REACTIVITY</b>     | <b>0</b> |  |
| <b>SPECIAL NOTICE</b> | -        |  |

HAZARD RATING (HMIS)

|                            |          |  |
|----------------------------|----------|--|
| <b>HEALTH</b>              | <b>0</b> |  |
| <b>FLAMMABILITY</b>        | <b>1</b> |  |
| <b>PHYSICAL HAZARD</b>     | <b>0</b> |  |
| <b>PERSONAL PROTECTION</b> | <b>X</b> |  |

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**

| Ingredient Name                  | CAS Number | Percentage by wt. |
|----------------------------------|------------|-------------------|
| Polyethylene (Polymeric Coating) | 9002-88-4  | >80% range        |
| Titanium Dioxide (White Pigment) | 13463-67-7 | 2-10% range       |
| Carbon Black (Black Pigment)     | 1333-86-4  | 1-8% range        |
| Light Stabilizer (UV Additive)   | 71878-19-8 | 0.5-2% range      |

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 leather uppers) is recommended during application and/or tear-off activities.

OTHER PROTECTIVE 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.

EXPOSURE GUIDELINES: Handle using methods and techniques that minimize dust or fume generation.

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

| CHEMICAL NAME (COMMON NAME)      | CAS NUMBER | EXPOSURE LIMIT<br>ACGIH (TWA) | OSHA (PEL) |
|----------------------------------|------------|-------------------------------|------------|
| Polyethylene (Polymeric Coating) | 9002-88-4  | 10 mg/m3                      | 15 mg/m3   |
| Titanium Dioxide (White Pigment) | 13463-67-7 | 10 mg/m3                      | 2.4 mg/m3  |
| Carbon Black (Black Pigment)     | 1333-86-4  | 3 mg/m3                       | 3.5 mg/m3  |
| Light Stabilizer (UV Additive)   | 71878-19-8 | NE                            | NE         |

Note: NA = Not Available, NE = Not Established

**9. Physical and chemical properties**

|  |                                    |
|--|------------------------------------|
| Physical Form: Solid                             | Taste: No data available           |
| Appearance: Sheet in roll form                   | Odor: Odorless                     |
| Color: White / Black                             | Odor Threshold: No applicable      |
| Boiling Point: N/A                               | Vapor Pressure: No data            |
| Melting Point: >2300 F                           | Vapor Density: No data             |
| Freezing Point: No data                          | Evaporation Rate: No data          |
| Specific Gravity: Variable                       | VOC (Weight): No data              |
| Density: No data                                 | VOC (Volume): No data              |
| Bulk Density: No data                            | Volatiles (Weight): No data        |
| Viscosity: No data                               | Volatiles (Volume): No data        |
| pH: (Undiluted Product) No data                  | Flash Point: >5700 F               |
| Water Solubility: Insoluble                      | Flash Point Test Type: COC         |
| Solvent Solubility: No data                      | Upper Explosion Limit: No data     |
| Partition Coefficient - Octanol / Water: No data |                                    |
| Lower Explosion Limit: No data                   |                                    |
| Molecular Weight :No data                        | Auto Ignition No data              |
| Decomposition Temp.: 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.  
 RCRA CLASS None

**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: March 28, 2018

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