

## 1. Identification

Product Identifier: **X-BARRIER Film**

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

### 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)

HEALTH	0	
FLAMMABILITY	1	
REACTIVITY	0	
SPECIAL NOTICE	-	

### HAZARD RATING (HMIS)

HEALTH	0	
FLAMMABILITY	1	
PHYSICAL HAZARD	0	
PERSONAL PROTECTION	X	

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 COMBUSTIONPRODUCTS: Carbon Dioxide, Carbon Monoxide, Unidentified organic compounds. If burned, the material could release toxic fumes and smoke.

FIRE FIGHTINGPROCEDURES: 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 ANDEXPLOSION: 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 PACKAGINGMATERIALS: 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	
		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: May 31, 2015

Revision Date: May 31, 2021

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