

**1. Identification**

Product Identifier: X-Seal® Membrane 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

Recommended use:

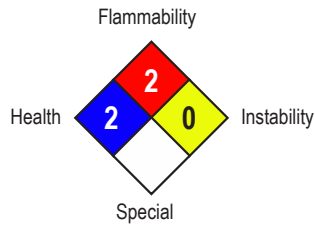
Recommended restrictions:

**2. Hazards Identification**

Hazardous Material  
Information System (HMIS)

Health	2
Flammability	2
Physical Hazard	0
Personal Protection	E

National Fire Protection  
Association (NFPA)



HMIS & NFPA Hazard Rating Legend

- \* = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH
- 4 = EXTREME

**3. Composition/Information on Ingredients**

Chemical Name/CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Ethylene-methyl acrylate copolymer 25103-74-6	No data found		
Propylene ethylene copolymer 9010-79-1	No data found		
Polypropylene 9003-07-0	No data found		
Carbon black (encapsulated in plastic) 1333-86-4	3.5 mg/m3 TWA	3.5 mg/m3 TWA (inhalable particulate matter)	NIOSH: 3.5 mg/m3 TWA
Zinc stearate (encapsulated in plastic) 557-05-01	5 mg/m3 TWA	10 mg/m3 TWA	5 mg/m3 TWA
Titanium dioxide (encapsulated in plastic) 13463-67-7	15 mg/m3 TWA	10 mg/m3 TWA	
Modifier/additives/stabilizers	Proprietary mix, no data found		

Specific chemical identity and percentage content of ingredients withheld as trade secret pursuant to Massachusetts regulations. Reporting requirements of section 313 title III of the superfund amendments and reauthorization act of 1986 and 10 CFR part 373 apply

**4. First-Aid Measures**

**Inhalation:** If exposed to combustion products, remove victim from the exposure. Seek medical aid for significant exposure to combustion products.

**Skin Contact:** Routine first aid treatment for cuts and abrasions from handling and cutting

**5. Fire-fighting measures**

**Flammable Limits:** LEL: N/A UEL: N/A

**Flash Point:** N/A

**Extinguishing Media:** Water, foam, carbon dioxide, dry chemicals.

**Unusual Fire or Explosion Hazards:** None.

**Hazardous Combustion Products:** See Section 10 for a list of hazardous decomposition products for this mixture.

**Special Procedures:** Hydrogen chloride gas may be released from vented or ruptured containers. Heat is generated when water is added with the possibility of spattering. Use water to keep containers exposed to fire cool until fire is extinguished. Water and foam may cause a violent reaction if sprayed on melting, burning containers, endangering fire fighters. Full protective equipment and SCBA is recommended.

**Fire Fighting:** No data found.

**6. Accidental release measures**

Not normally necessary

**7. Handling and storage**

**Handling Precautions:** Do not heat beyond 572°F (300°C).

**Storage:** Keep away from extreme heat.

**Regulatory Requirements:** No data found.

**8. Exposure Control and Personal Protection**

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**Engineering controls:** Not normally necessary.

**Ventilation Control:** No data found.

**Administrative controls:** No data found.

**Personal Protection:** As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

**Eye Protection:** Safety glasses are recommended.

**Gloves:** Leather or cotton.

**Respiratory:** Not normally necessary.

**Footwear:** Construction grade safety footwear.

**9. Physical and chemical properties****Physical State:** Solid**Odor Threshold:** Not available**Solubility:** Insoluble**Boiling Point (C):** Not available**pH:** Not applicable**Evaporation Rate (BuAe=1):** Negligible**Flash point:** No data found**Vapor Pressure:** No data found**Partition coefficient (n-Octanol/water):** No data found**Decomposition Temperature:** No data found**Density:** No data found**Odor & Appearance:** Slight waxy odor**Specific Gravity:** 0.88 to 0.97**Vapor Pressure:** Negligible**Freezing Point (C):** >120°C**Vapor Density (air=1):** Not available**Percent Volatile (by volume):** Negligible**Flammability:** No data found**Explosive Limits:** No data found**Autoignition temperature:** No data found**Viscosity:** No data found**% Volatile (by weight):** No data found**10. Stability and reactivity****Stability:** Stable at ambient temperatures.**Incompatibility:** Strong oxidizing chemicals.**Conditions of Reactivity:** Avoid temperatures above (572°F) 300°C.**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, ketones, acrolein, formaldehyde, aldehydes.**11. Toxicological information****Routes of Entry:** None known under normal use of this solid film.**Effects of Acute Exposure:** No known effects under normal use.**Effects of Chronic Exposure:** No known effects under normal use.**Exposure Limits:** None applicable for the solid film.**12. Ecological Information**

No data found.

**13. Disposal Considerations**

Can be disposed of in normal trash/landfill.

**14. Transport information**

Not regulated.

**15. Regulatory Information**

No data found.

**16. Other information**

Issue Date: May 31, 2015

Revision Date: May 31, 2015

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