

## MATERIAL SAFETY DATA SHEET

# Enviro-Barrier VP™

## Liquid Applied Vapor Permeable Air Barrier

Per OSHA-recommended ANSI Z400.1-2004 standard format and in accordance with European standard format

**Date of preparation:** March 28, 2012

**Product Name:** Hohmann & Bernard Enviro Barrier  
Synthetic Air Vapor Barrier Trowel grade, Spray  
grade, Vapor Permeable Air Barrier, Self Adhering  
Flashing Primer

**Producer:** Hohmann & Barnard, 441 Boot Rd., Suite 100,  
Downingtown, PA 19335

**Company Contacts:** Jon Giza

**Telephone:** 610.873.0070

**24-Hour Emergency Numbers:** Chem-Tel, Inc.

**U.S. and Canada:** 800.255.3924

**Other:** 813.979.0626 (call collect)

**Chemical Family:** Exterior Latex/Acrylic Vapor  
Permeable Barrier Paint

## 2. Hazards Identification:

### EMERGENCY OVERVIEW:

**Product Description:** These products are pigmented  
water based liquids.

#### Health Hazards:

The primary hazards presented by this product are the  
potential for mild irritation of contaminated tissue and the  
potential for accidental ingestion. This product does not  
contain crystalline silica.

#### Flammability Hazards:

This product is not flammable. If this product is involved  
in a fire, the decomposition products generated will  
include irritating vapors and gases and some carbon  
monoxide.

#### Reactivity Hazards:

This product is not reactive.

**Environmental Hazards:** Although release of this  
product to the environment is not expected to cause  
significant adverse effect, all releases should be avoided.

### Emergency Considerations:

Emergency responders should wear appropriate protection  
for situation to which they respond.

### 3. Composition/Information on Ingredients:

Non-hazardous latex emulsion coatings consisting of non-  
hazardous ingredients such as glass oxides, mineral fillers,  
water, performance additives, latex emulsion resin, acrylic  
emulsion resins.

#### Ingredient Name Exposure Limits Concentration % by Weight

4,4 Dimethyloxazolidine Not Established .44%

CAS Number 51200-87-4

Glass Oxides ACGIH TLV:15.0 mg/m<sup>3</sup> 30-45%

CAS Number 14808-60-7

Cellulose Fiber OSHA PEL: 15 mppcf 0-10%

CAS Number 65996-61-4 ACGIH TLV: 5 mg/m<sup>3</sup>

Titanium dioxide ACGIH TWA 10 mg/m<sup>3</sup> 0-15%

CAS Number 13463-67-7

Blue Pigment Dispersion ACGIH TLV-TWA Not  
Established

CAS Number Confidential

Synthetics Resin Complex Not Established 55-65%

CAS Number Confidential

Styrene Acrylic Co-Polymer Emulsion Not Established  
0%-15%

CAS Number 25280-35-7

Latex Resin Solids Not Established 0-15%

CAS Number Proprietary

Ammonia, Aqua Not Established <1%

CAS Number 1336-21-6

Water Not Established 35-50%

CAS Number 7732-18-5

### Hohmann & Barnard, Inc.

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### Sandell Manufacturing

310 Wayto Road | Schenectady NY 12303

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### 4. First Aid Measures:

#### Eye contact:

Contact may be irritating to the eyes especially in poorly ventilated areas. Irritation in the form of redness, tearing and or blurred vision. Immediately flush eyes with plenty of water for at least 15 minutes and consult physician.

#### Skin contact:

Wash skin thoroughly with soap and water. If drenched, remove and wash clothing before reuse. Due to individual sensitization, this product can cause skin irritation upon prolonged or repeated contact.

#### Ingestion:

If victim is conscious give 2 glasses of water. Call a physician.

#### Inhalation:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and or headache. Overexposure can cause neurological damage. Mists or vapors from hot operations can cause mental sluggishness, pulmonary edema (accumulation of fluid in the lungs, signs and symptoms can be delayed for several hours) and bronchial pneumonia.

### 5. Fire-fighting methods:

Products are non-combustible

**Flash Point:** Not flammable

**Auto-ignition Temperature:** Not established

**Flammable Limits (in air by volume, %):**

Lower (LEL): Not applicable

Upper (UEL): Not applicable

**Fire Extinguishing Materials:** Use extinguishing media appropriate for surrounding fire

Water Spray: OK Carbon Dioxide: OK Foam: OK Dry

Chemical: OK

Halon: OK Other: Any "ABC" Class

### 6. Accidental release measures:

#### Personal precautions:

Do not get in eyes. Do not take internally. Avoid skin contact. Prevent prolonged or repeated breathing of vapor

or spray mists. Keep unnecessary people away. Floor may be slippery, use care to avoid falling. Dike and contain material with inert material (e.g. earth, sand). Transfer liquid and contaminated diking material to separate containers for disposal.

#### Environmental precautions:

Keep spills and cleaning run-offs out of municipal sewers and open bodies of water. Comply with local, national and state regulations.

### 7. Handling and Storage:

**Precautionary labeling:** Keep from Freezing, Keep out of reach of children

#### Work & Hygienic Practices:

Do not eat, drink or smoke while using this product.

Thoroughly wash hands before eating or smoking.

Maximum storage temperature 60°C, minimum 2°C. Keep closure tight and containers upright to prevent leakage.

Product is non-combustible.

### 8. Exposure Controls and Personal Protection:

#### General protection and hygienic measures:

Avoid contact with skin. Do not get in eyes. Do not take internally. Avoid breathing vapors or spray mists. Use in well-ventilated areas.

#### Hand/skin protection:

Wear neoprene or rubber gloves to prevent skin contact.

Wash hands before eating, smoking or using the washroom. Food or beverages should not be consumed anywhere this product is handled or stored.

#### Respiratory protection:

None required if good ventilation is maintained. Wear respirator suitable for concentrations and of contaminants encountered. Use approved chemical/mechanical filters designed to remove particulates in open and restricted ventilation areas. Use approved airline type respirators or hoods in confined areas. MSDS Latex-ite (Various Colors)  
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#### Eye/face protection:

Use approved safety eyewear including side shields, chemical goggles and face shields.

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### 9. Physical and Chemical Properties:

Forms: Viscous liquid, mild odor  
pH: 7.5-9.5  
Density: Varies with product  
Weight per Gallon: Varies with product  
Solubility in water: Complete water-soluble colloidal dispersion  
Volatile Organic Compounds: 0.0 pounds/gallon

### 10. Stability and Reactivity:

Stability: Hazardous polymerization will not occur. Stable.  
Hazardous reactions: Avoid contact with strong oxidizing agents  
(e.g. nitric acid, permanganates), strong acids, highly alkaline bases, selected amines, etc.

### 11. Toxicological Information:

**These products do not contain crystalline silica** (CAS #14808-60-7) which has been classified by IARC as a Class I carcinogen. Normal application procedures pose no hazard using approved dust filter respirators. Skin contact: Prolonged or repeated contact with product may cause slight skin irritation. Impervious gloves should be worn if prolonged skin contact is likely.

### 12. Ecological Information:

Ecological information has not been determined for substance.

### 13. Disposal considerations:

The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should then be sealed and properly labeled with waste designation and land filled or incinerated according to local and national regulations.

### 14. Transportation Information:

U.S. Department of Transportation Hazard Class: "Not Regulated"  
Hazard Code: Note regulated  
Subsidiary Hazard Class: None  
DOT Identification Number: None  
DOT Shipping Label: None

### 15. Regulatory Information:

\*This chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community-Right-To-Know Act of 1986 and of 40 CFR 372.

#### **CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT**

**(PROPOSITION 65):** Components of this product are on the California Proposition 65 lists.

**CERCLA INFORMATION (40CFR302.4):** Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

#### **U.S. TOXIC SUBSTANCES CONTROL ACT**

**(TSCA):** All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Information on the maximum volatile organic compound (VOC) content of individual products appears on product labels.

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### 16. Other Information:

**Note:** Per 29CFR 1910.1200 (g) (2) (1) (C) (2), only hazardous substances present in excess of 1.0% by weight (or 0.1% for carcinogens) must be listed on an MSDS to comply with New Jersey DOH Right-To-Know labeling law (NJAC 8:59 – 5.1 & 5.2)

#### HMIS HAZARD RATING

Health 1 Flammability 0 Physical Hazard 0 Personal Protection A

#### HAZARD INDEX

0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe  
A=Safety glasses

### Disclaimer Of Expressed And Implied Warranties

All information recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. It is the user's responsibility to determine the safety, toxicity and suitability for its own use of the product as described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by Hohmann & Barnard Co, Inc. as to the effect of such use, the results to be obtained or the safety and product toxicity nor does Hohmann & Barnard Co Inc., assume any liability arising out of use (of the products referred to within) by others. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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