



## Safety Data Sheet

Date: 01/23/2023

### SECTION 1: Identification and Company Details

**Product Name:** Moisture Barricade Polyethylene Underlay Film  
**Product Code:** 70-115 (120 sf roll) & 70-116 (300 sf roll)  
**Manufacturer/ Supplier:** Roberts Consolidated Industries, Inc.  
**Address:** 300 Cross Plains Blvd.  
Dalton, GA 30721  
**Emergency Phone:** (800) 424-9300 (24-hour Response / CHEMTREC)  
**Product Information:** (706) 277-5294  
**Recommended Use:** To provide a barrier for moisture protection over cement slabs to protect against moisture for laminate and engineered wood floors

### SECTION 2: Hazard(s) Identification

#### EMERGENCY OVERVIEW

This product is not classified as hazardous under GHS criteria.

Target Organs: Not available

Hazard Sorts: None

Potential Health Effects:

- Ø Eye: No health effects are expected. If contact with eyes, may cause eyes discomfort.
- Ø Skin: No health effects expected
- Ø Ingestion: No health effects expected. No data supports that the material will be absorbed by the digestive system. If ingested, may cause partial or complete intestinal blockage.
- Ø Inhalation: No health effects are expected.

### SECTION 3: Composition / Information on Ingredients

	<u>Weight %</u>	<u>CAS #</u>
Polyethylene	>95%	9002-88-4
Inert Ingredients	<5%	

### SECTION 4: First-Aid Measures

**Eye Contact:** Particulates may scratch eye surfaces/cause mechanical irritation. Seek medical attention if necessary.  
**Skin Contact:** No health effects are expected under normal use. Negligible hazard at ambient temperatures (-18 to +38° C; 0 to 100° F). Exposure to hot material may cause thermal burns.  
**Inhalation:** Inhalation of this material is unlikely. Negligible hazard at ambient temperature (-18 to 38° C; 0 to 100° F). Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract. Low order of toxicity.  
**Ingestion:** Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure partial or complete intestinal blockage does not occur. Minimal toxicity.

## SECTION 5: Fire-Fighting Measures

This section provides recommendations for fighting a fire caused by the chemical. The required information consists of:

FLASHPOINT: 649° F.      METHOD: ASTM E136      NOTE: Estimated Minimum

FLAMMABLE LIMITS:      NOTE: Not applicable

AUTOIGNITION TEMPERATURE: 649° F.      NOTE: Estimated Minimum

**GENERAL HAZARD:**      Solid material, may burn at or above the flashpoint, and airborne dust may explode if ignited. Toxic gases will form upon combustion. Static Discharge, material can accumulate static charges which can cause an incendiary electrical discharge.

**FIRE FIGHTING:**      Use water spray to cool fire exposed surfaces, protect personnel, and extinguish the fire. Respiratory and eye protection required for firefighting personnel.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxygen-lean conditions may produce carbon monoxide and irritating smoke.

## SECTION 6: Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leak:** Collect up, then place into suitable container for disposal. Keep away from heat or flame.

## SECTION 7: Handling and Storage

**Handling Precautions:** Use with appropriate ventilation. Avoid generating fiber, avoid inhaling fiber.

**Storage:** Store in a cool, dry area away from heat or flame. Keep away from incompatible substances.

## SECTION 8: Exposure Control / Personal Protection

**Exposure Limit:**

**Composition:** PE (reference: PNOS)

- TLV-TWA 10mg/m3 (ACGIH, inhalable fraction) 3mg/m3 (ACGIH, respirable fraction)
- PEL-TWA 15 mg/m3 (OSHA, total dust) 5mg/m3 (OSHA, respirable fraction).

**Monitoring Methods:** No information found

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Personal Protective Equipment:**

- Ø **Eyes:** No special requirement. It is recommended to wear chemical goggles
- Ø **Skin:** No special requirement. Wear appropriate gloves if necessary.
- Ø **Clothing:** No special requirement. Wear appropriate working clothing to prevent skin exposure.
- Ø **Respirators:** No special requirement.

## SECTION 9: Physical and Chemical Properties

**Physical State:** Solid black plastic material

**Odor:** Odorless

**pH:** N/A

**Molecular Formula:** N/A

**Molecular Weight:** N/A

**Viscosity:** N/A

**Boiling Point:** N/A

**Freezing/Melting Point:** N/A

**Decomposition Temperature:** N/A

**Specific Gravity/Density:** N/A

**Ignition Temperature:** N/A

**Solubility:** Insoluble in water

## SECTION 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.  
Conditions to Avoid: Excessive heat, any source of ignition.  
Incompatibilities with Other Materials: Strong oxidizing agents, caustic materials  
Hazardous Decomposition Products: CO, CO<sub>2</sub>, fume in combustion  
Hazardous Polymerization: Will not occur

## SECTION 11: Toxicological Information

Toxicological Information:  
Composition: PE  
- LD50 : >2000 mg/kg (oral, rat)  
- LC50 : 12 g/m<sup>3</sup>/30min (inhalation, mouse)  
Carcinogenicity: Not listed by ACGIH, IARC, NTP, or CA Prop 65  
Sensitization Rate: Not Available  
Teratogenicity: Not Available

## SECTION 12: Ecological Information

Ecological Toxicity: Not Available  
Ecological Degradation: Not Available  
Abiology Degradation: Not Available

## SECTION 13: Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None Listed

RCRA U-Series: None Listed

## SECTION 14: Transport Information

Not regulated as a hazardous material for transportation. (D.O.T; TDG; IMDG; IATA DRG)

UN: N/A

Classification: N/A

Packaging Sign: N/A

Shipping Name: N/A

Packaging Category: N/A

Packaging Method: N/A

Shipping Notice: N/A

## SECTION 15: Regulatory Information

Regulatory Information: Reference to the local, national, and EU/international regulations

TSCA: CAS# 9002-88-4

DSL: CAS# 9002-88-4

OSHA: None of the chemicals in this product are listed

California Prop 65: None of the chemicals in this product are listed

Hazard Symbols: None

Risk Phrases: None

Safety Phrases: None

## SECTION 16: Other Information

Issue Time: 01/23/2023

Issue Department: Technical department

Date review unit:

Modification record:

### Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

### **Other information:**

ACGIH: (American Conference of Governmental Industrial Hygienists); CAS: (Chemical Abstracts Service); DOT: (Department of Transportation); DSL: (Domestic Substances List); EINECS: (European Inventory of Existing Commercial Substances); IARC: (International Agency for Research on Cancer); IATA DGR: (International Air Transport Association – Dangerous Goods Regulation); IMDG: (International Maritime Dangerous Goods); LC50: (Lethal Concentration, 50 percent kill); LD50: (Lethal dose, 50 percent kill); N/A: (Not Applicable); NTP: (National Toxicology Program); OSHA: (Occupational Safety and Health); PEL: (Permissible Exposure Level); PNOS: (Particulates (insoluble or poorly soluble), Not Otherwise Specified); RCRA: (Resource Conservation and Recovery Act); TDG: (Transportation of Dangerous Goods); TSCA: (Toxic Substances Control Act); TWA: (Time Weighted Average); TLV: (Threshold Limit Value)