



# Safety Data Sheet

Date: 08/16/2021

## SECTION 1: Identification and Company Details

**Product Name:** AirGuard® 5-in-1 Premium Underlayment  
**Product Code:** 70-105 & 70-105-1  
**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 moisture protection over cement slabs during the application of laminate and engineered wood floors

## SECTION 2: Hazard(s) Identification

**Classification:** This product is not classified as hazardous under GHS criteria. This product consists of one layer of polystyrene beads layered between two sheets of polyethylene film.

## SECTION 3: Composition / Information on Ingredients

<u>COMPONENT</u>	<u>Weight %</u>	<u>CAS #</u>
Polyethylene	40-60%	9002-88-4
Polystyrene	20-40%	9003-53-6
acrylic co-polymer	01-.02%	n/a

## SECTION 4: First-Aid Measures

**Eye Contact:** None required under normal conditions. If eye irritation occurs, flush the eyes with water and remove particles with a lint free cloth. Seek medical attention if necessary.

**Skin Contact:** None required under normal conditions. Wash with soap and water after use. Remove contaminated clothing and launder before reuse. If irritation develops, get medical attention.

**Inhalation:** Inhalation of this material is unlikely under normal use. If irritation develops following inhalation of dust or decomposition products, remove the victim from the area to fresh air. If symptoms persist, get prompt medical attention.

**Ingestion:** If irritation develops following inhalation of dust or decomposition products, remove the victim from the area to fresh air. If symptoms persist, get prompt medical attention.

## SECTION 5: Fire-Fighting Measures

**FLASHPOINT:** Not applicable

**FLAMMABLE LIMITS:** Not applicable

**FIRE FIGHTING:** Use water or foam.

**GENERAL HAZARD:** Firefighters should use self-contained breathing apparatus and protective clothing for all fires involving chemicals.

**UNUSUAL FIRE HAZARDS:** None, however, this product will burn under fire conditions. High pressure water may allow the fire to spread.

**COMBUSTION PRODUCTS:** Thermal decomposition can produce smoke, carbon monoxide, carbon dioxide, acetic acid fumes, acrolein,

## 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. If cutting produces dust, use good housekeeping practices to minimize dust accumulation in the workplace. Keep dust away from flames and other sources of ignition. Avoid generating dust, avoid inhaling dust.

**Storage:** Store in a cool, dry area.

## SECTION 8: Exposure Control / Personal Protection

**Exposure Limit:** No special ventilation required for normal use conditions. Increased general ventilation or local exhaust may be needed if dust is generated in processing.

**Personal Protective Equipment:** None required under normal use

- **Eyes:** No special requirement. If dusty conditions exist, wear safety glasses with side shields or goggles.
- **Skin:** No special requirement. If dusty conditions exist, wear gloves, long sleeved shirt and pants. if necessary.
- **Respirators:** No special requirement. If dusty conditions exist, use a dust mask.

## SECTION 9: Physical and Chemical Properties

**Physical State:** One layer of polystyrene beads layered between two sheets of polyethylene film.

**Odor:** Odorless

**pH:** Not applicable

**Molecular Formula:** Not applicable

**Molecular Weight:** Not applicable

**Viscosity:** Not applicable

**Boiling Point:** Not applicable

**Freezing/Melting Point:** Not applicable

**Decomposition Temperature:** Not applicable

**Specific Gravity/Density:** Not applicable

**Ignition Temperature:** Not applicable

**Solubility:** Insoluble in water

## SECTION 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Excessive heat, any source of ignition. Avoid temperatures above 400°F. Will burn or react violently with fluorine/oxygen mixtures. Avoid contact with strong oxidizing agents, organic solvents, insecticides, aldehydes and amines.

**Incompatibilities with Other Materials:** Strong oxidizing agents, caustic materials

**Hazardous Decomposition Products:** Thermal decomposition can produce smoke, carbon monoxide, carbon dioxide, acetic acid fumes, acrolein.

**Hazardous Polymerization:** Will not occur

## SECTION 11: Toxicological Information

**Toxicological Information:** This product is biologically inert and is non-toxic under normal conditions.

**Carcinogenicity:** Not listed by ACGIH, IARC, NTP, or CA Prop 65

**Sensitization Rate:** Not Available

**Teratogenicity:** Not Available

## SECTION 12: Ecological Information

**Ecological Information:** This product is an inert solid. It is not expected to present any hazard to the environment under normal conditions.

**Ecological Toxicity:** Not Available  
**Ecological Degradation:** Not Available  
**Biology Degradation:** Not Available

### **SECTION 13: Disposal Considerations**

Dispose in accordance with local, state and federal regulations.  
**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:** Exempt  
**DSL:** Exempt  
**OSHA:** Exempt  
**California Prop 65:** This product does not contain chemicals regulated under California Proposition 65.

**Hazard Symbols:** None  
**Risk Phrases:** None  
**Safety Phrases:** None

### **SECTION 16: Other Information**

**Issue Date:** 08/16/2021  
**Issue Department:** Technical department

#### **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)