

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

## **Section 1:** Product and Company Identification

- Product Name: Flexible Polyvinyl Chloride Film
- Synonyms: PVC Film, Vinyl Film
- CAS Number: Mixture
- Product Use: Multiple

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+1 (800) 424-9300 (United States, Canada, Puerto Rico, Virgin Islands)  
+1 (703) 527-3887 (International & Maritime)

## **Section 2:** Hazards Identification Regulation

Hazard Classification:

- This material meets the definition of an article and is not classified as hazardous according to OSHA hazard communication standard 29 CFR 1910.1200.
- This material is not classified according to the Globally Harmonized System (GHS) for classification and labeling of chemicals.

### **Potential Health Effects and Symptoms of Over-Exposure**

During Fire emergency when this product is burned it may generate smoke.

Eye Contact: Smoke from a fire emergency may cause eye irritation  
Skin Contact: Hot melted plastics from a fire may cause burns to skin  
Inhalation: Smoke from a fire emergency may cause respiratory irritation  
Ingestion: Unlikely



Health = 0  
Fire = 1  
Reactivity = 0

### **HMIS Rating**

Flammability – 1

Health – 0

Reactivity – 0

Personal Protection Index – E

If you do not understand the hazards or safety precautions described in this data sheet, contact your supervisor or safety administrator before handling this product.

**Section 3: Composition/Information on Ingredients**

- Chemical Nature: Plasticized PVC Film
- Components: The specific chemical identities/weight percent of the final product(s) is a trade secret.

Component	CAS-No.	Weight Percent
Polyvinyl chloride	9002-86-2	30-80%
Phthalate Plasticizer	Varies	0-40%
Proprietary	Mixture	5-20%
Pigment	Mixture	0.5 -20%
10',10'-Oxybisphenoxarsine (OBPA)	58-36-6	0 - 0.0001%
Antimony Trioxide	1309-64-4	0-5%

**Section 4: First Aid Measures**

- General information: Material does not pose a toxic hazard under normal use Hazardous fumes are produced by combustion or high temperature decomposition.
- After Inhalation: In case of exposure during hot processing: Remove victim to fresh air Administer oxygen if breathing is difficult Administer artificial respiration if breathing has stopped Seek medical assistance if irritation or other symptoms develop.
- After Skin Contact: In case of exposure during hot processing: Flush affected area thoroughly with water Wash affected area thoroughly with soap and water Seek medical assistance.
- After Eye Contact: In case of exposure during hot processing: Immediately flush eyes with water Hold eyelids open to ensure adequate flushing Seek medical assistance.

**Section 5: Fire-fighting Measures**

- Suitable Extinguishing Agents: CO2, extinguishing powder, or water spray.
- Special Firefighting Hazards: Vinyl film will burn if exposed to flame. Use protective breathing equipment.
- Dust Explosivity (Kst) Rating: Not Applicable
- Protective Equipment: In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved self-contained breathing apparatus (SCBA) and full protective clothing.
- Additional Information: Burning in an open flame may produce hydrogen chloride, carbon monoxide, carbon dioxide gas and metal oxides.

**Section 6: Accidental Release Measures**

- Personal Precautions, Protective Equipment and Emergency Procedures: Avoid open flames. Wear appropriate personal protective equipment during all clean-up activities. See Section 8 for more information.
- Environmental Precautions: Keep spilled material out of sewage/drainage systems and waterways.
- Methods for Containment and Clean-Up: Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

**Section 7: Handling and Storage**

- Precautions for Safe Handling: Avoid exposure to high temperature for prolonged periods. No special measures required.
- Conditions for Safe Storage: Store in appropriate location(s). Protect material from excessive heat, physical damage, ignition sources and incompatible materials. Have emergency equipment for fires readily available.
- Additional Information: If you do not understand the hazards or safety precautions described in this data sheet, contact your Supervisor or safety administrator before handling this product.

**Section 8: Exposure Controls/Personal Protection**

- Occupational Exposure Limits: Not Applicable. No established exposure limits for PVC film.
- Engineering Controls: Use local exhaust ventilation during mist producing or high temperature operations.
- Respiratory Protection: Use NIOSH-approved respiratory protective equipment if material is exposed to flame.
- Eye/Face Protection: Safety glasses
- Additional Information: If unusual work or exposures are expected, an industrial hygiene review of work practices, engineering controls and personal protective equipment is recommended.

### **Section 9:** Physical and Chemical Properties

- Form: Calendered Film
- Color: Clear or Colored
- Odor: Mild
- pH Value: Not applicable
- Melting Point: Approximately 320°F
- Flash Point: Not applicable
- Vapor Pressure: Not applicable
- Density: 1.2-1.8
- Solubility in Water: Insoluble

### **Section 10:** Stability and Reactivity

- Chemical Stability/Reactivity: Stable under anticipated conditions of use.
- Possibility of Hazardous Reactions/Incompatible Materials: Strong acids, bases, and solvents.
- Hazardous Decomposition Products: If burned, Metal Oxides, HCL, CO, and CO2.

### **Section 11:** Toxicological Information

- Skin Irritation: Not expected to cause skin irritation.
- Eye Irritation: Mechanical eye irritation
- Respiratory Irritation: May cause respiratory irritation.
- Sensitization/Allergic Reaction: No sensitizing effects known.
- Additional Toxicological Information: The substance is not subject to classification 4.
- Substances Classified by IARC (International Agency for Research on Cancer): 9002-86-2 polyvinyl chloride: 3 Antimony Trioxide: 2

### **Section 12:** Ecological Information

- Persistence and Degradability: No data available
- Bio accumulative Potential: No data available

### **Section 13:** Disposal Considerations

Disposal Instructions: Dispose of waste in accordance with applicable federal, state, and local laws and regulations. Maximize product recovery for reuse or recycling.

### **Section 14:** Transport Information

Additional Information: This product is not regulated as a hazardous material/dangerous good for transportation.

### **Section 15:** Regulatory Information

- U.S. Superfund Amendments & Reauthorization Act (SARA) 355 (Extremely Hazardous Substances): Not listed
- U.S. Superfund Amendments & Reauthorization Act (SARA) 313 (Specific Toxic Chemical Listings): Components are listed
- U.S. Toxic Substances Control Act (TSCA): Components are listed
- California Proposition 65 Carcinogens: Components are listed
- A CGIH (American Conference of Governmental Industrial Hygienists) Carcinogens: 9002-86-2 polyvinyl chloride: A4 Antimony Trioxide
- Canadian Domestic Substances List (DSL): Components are listed
- Canadian Ingredient Disclosure List (limit 0.1%) Components are listed
- Canadian Ingredient Disclosure List (limit 1%): Components are listed
- Hazard Pictograms: Not Applicable
- Signal Word: Not Applicable 41.0
- Hazard Statements: Not Applicable

## **Section 16:** Other Information

This information is furnished without warranty, expressed, or implied, except that is accurate to the best of PHX knowledge. PHX does not assume any liability whatsoever for the accuracy or completeness of the information contained within. User is responsible for determining whether the PHX product is a fit for a particular purpose and suitable for user's method of use or application. Although certain hazards are described, we cannot guarantee that these are the only hazards that exist. Compliance with all applicable Federal, State and Local laws and regulations remains the responsibility of the user.

- Department Issuing Safety Data Sheet: R&D Department
- Sources & References: This Safety Data Sheet conforms to regulation 1907/2006/EC (REACH). This product has been classified in accordance with European CLP regulations (1272/2008/EC) and the U.S. Hazard Communication standard (29 CFR 1910.1200).