



Safety data sheet
Product: PVA- Folienschläuche/ PVA bags
Date/ Revised:
Version No.: 2.0

PVA-Folienschläuche

1. Substance/preparation and company identification

Trade name: PVA- Folienschläuche/ PVA bags

Application of the substance/ the preparation:

Polyvinyl film tubes

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2. Hazard identification

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Material is a slightly yellow translucent film.

IMMEDIATE CONCERNS: Film is non-hazardous and presents no immediate concerns:

Please refer to Section 5 for components that may be emitted during a fire.

POTENTIAL HEALTH EFFECTS

EYES: Mechanical irritation only.

SKIN: No unusual dermatitis hazard is expected from routine handling.

SKIN ABSORPTION: Not a route of entry.

INGESTION: Not a probable route of entry. No chronic effects are anticipated.

CANCER STATEMENT: None of the components present in this material at concentrations equal to or greater than 0,1 % are listed by IARC. NTP, OSHA or ACGIH as a carcinogen.

3. Composition and information on ingredients

Chemical name	CAS	% by weight
Polyvinyl Alcohol Resin	9002-89-5	≥50

4. First-aid

Skin: Remove from skin with soap and warm water.

Eyes: Flush eyes with plenty of water. If irritation develops, seek medical attention.

Ingestion: Not a probable route of entry. No chronic effects are anticipated.

5. Firefighting measures

GENERAL HAZARD: Above 200°C the following are evolved: croton aldehyde, acetone, and other unknowns.

COMMENTS: Film does not readily burn. A flame needs to be held to the film to sustain combustion.



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During fire-fighting activities, use extinguishing media most appropriate for surrounding material. Use caution as film is water-soluble and will create a slip hazard as it dissolves from fire-fighting activities.

6. **Accidental release measures**

GENERAL PROCEDURES: In the event of a spill, sweep up dry material promptly. Avoid wetting the material down during cleanup as it will cause the surface to become slippery. After the bulk of the material is swept up, then wash the surface with soapy water to avoid a slip hazard.

7. **Handling and storage**

STORAGE: Store in unopened containers under cool and dry conditions.

8. **Exposure controls/personal protection**

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Although safety glasses are not required when handling our films, an evaluation by your safety personnel is required to determine if the way your company uses our film requires their use. Follow your company procedure.

SKIN: Gloves are not required under normal conditions. Take into consideration how the product is being used and hazards associated with other materials used in conjunction with this product.

RESPIRATORY: No respiratory protection is needed during normal handling of this film. If the film is processed in some way, the process should be reviewed by safety representative for PPE determination.

9. **Physical and chemical properties**

PHYSICAL STATE: Solid

ODOR: Mild

APPEARANCE: Slightly yellow translucent film.

10. **Stability and reactivity**

STABILITY: The product is stable under normal ambient conditions of temperature and pressure.

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Temperatures above 200°C (392°F)

HAZARDOUS DECOMPOSITION PRODUCTS: Irritating and toxic fumes at elevated temperatures from burning, heating or reaction with other materials.

INCOMPATIBLE MATERIALS: Oxidizing agents (i.e. perchlorates, nitrates etc.)

11. **Toxicological information**

ACUTE NOTES: The acute exposure information on major component, polyvinyl alcohol, is as follow: Oral LD50: >5000 mg/kg (rats): Inhalation LC50:20,0 mg/l (rats: dust with 3-5 micron particle size: 1 hr. exposure)

EYE EFFECTS: Information representative of the major component indicates that the powder and aqueous solutions are slightly irritating to rabbit eyes, irritation subsided by 48 hours after exposure.



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SKIN EFFECTS: in powder form the major component, polyvinyl alcohol, was nonirritating to rabbit skin. In aqueous solution, slightly irritating to rabbit skin was noted. Not a skin sensitizer in guinea pigs when dosed as a 10% aqueous solution.

CARCINOGENICITY

IARC: Not listed by IARC

NTP: Not listed by NTP

OSHA: Not listed by OSHA

12. Ecological information

ENVIROMENTAL DATA: No adverse environmental impact expected.

13. Disposal considerations

DISPOSAL METHOD: Normally, your waste hauler will allow the film to be put in your regular waste dumpster once they have reviewed this MSDS. However, be sure to comply with your local regulations.

14. Transport information

COMMENTS: Not regulated by DOT, IATA, IMDG or ADR.

15. Regulatory information

USA

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No, **PRESSURE GENERATING:** No, **REACTIVITY:** No, **ACUTE:** No

CHRONIC: No

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: We certify that all components are either on the TSCA inventory or qualify for an exemption.

OSHA HAZARD COMM. RULE: Non-hazardous.

16. Other information

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control: all risk of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents.

Appropriate warnings and safe handling procedures should be provided to handlers and users.