

# SAFETY DATA SHEET (SDS)

## PVC Outer Wrap Tape

Compliant with GHS (Rev. 9) & OSHA 29 CFR 1910.1200

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PVC Outer Wrap Tape (Anti-Corrosion Protection)

**Technical Name:** Polyvinyl Chloride Film with Pressure Sensitive Adhesive

**Recommended Use:** For mechanical protection and outer wrapping of viscoelastic tapes, vaseline (wax) tapes, and flexible inner anti-corrosion materials used on pipelines, flanges, and valves.

**Manufacturer:** Shandong Quanmin Plastic Co., Ltd.

**Address:** North of Shengli Oil Extraction Plant Tuo Si Joint Station, Dongying City, Shandong Province, China.

**Emergency Contact:** +86-546-8740309

### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:** NOT CLASSIFIED AS HAZARDOUS.

**GHS Article Exemption:** This product is an "Article" as defined by the Hazard Communication Standard. It is a manufactured item that does not release or otherwise result in exposure to a hazardous chemical under normal conditions of use.

#### Potential Physical Hazards:

- Non-hazardous under normal industrial handling.
- **Thermal Decomposition:** In case of fire, PVC film releases toxic Hydrogen Chloride (HCl) gas.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
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Polyvinyl Chloride (PVC) Film	9002-86-2	60% - 75%
Pressure Sensitive Adhesive (Rubber-based)	Mixture	20% - 35%
Plasticizers (Non-Phthalate/Low Toxicity)	Various	5% - 10%
Carbon Black (Pigment)	1333-86-4	< 2%

## SECTION 4: FIRST AID MEASURES

**General Note:** First aid is generally not required for normal contact with the tape.

**Inhalation:** Not applicable under normal use. If exposed to smoke/fumes from a fire, move person to fresh air and seek medical help immediately.

**Skin Contact:** If adhesive residue causes irritation, wash with soap and water.

**Eye Contact:** Flush with water if mechanical irritation occurs from edges. Seek medical attention if irritation persists.

## SECTION 5: FIREFIGHTING MEASURES

**Extinguishing Media:** Water spray, CO<sub>2</sub>, Dry Chemical, or Foam.

**Special Hazards:** PVC is self-extinguishing but will burn in an established fire. Combustion releases **Hydrogen Chloride (HCl), Carbon Monoxide (CO), and Dioxins.**

**Protective Equipment:** Firefighters MUST wear full-face **Self-Contained Breathing Apparatus (SCBA)** to protect against acidic HCl fumes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None required for solid tape rolls.

**Environmental Precautions:** PVC is biologically inert. Prevent scraps from entering marine environments as they are persistent.

**Cleanup:** Pick up scraps and dispose of as industrial solid waste.

## SECTION 7: HANDLING AND STORAGE

**Handling:** No special precautions. Wash hands after use if adhesive is tacky.

**Storage:** Store in a cool, dry place (15°C - 30°C). Avoid prolonged exposure to direct UV light (unless specified as UV-stabilized). Keep away from strong solvents and aromatic hydrocarbons.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** Not applicable for solid tape.

### Personal Protective Equipment (PPE):

- **Hands:** General purpose work gloves.
- **Eyes:** Safety glasses if using mechanical wrapping machines.
- **Respiratory:** None required under normal use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Solid black plastic tape in rolls
<b>Odor</b>	Slight characteristic plastic odor
<b>Solubility</b>	Insoluble in water
<b>Melting Point</b>	≥150°C(Softening starts)
<b>Flammability</b>	Slow burning; releases HCl

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Chemical Compatibility:** Compatible with viscoelastic systems, petroleum-based systems, and most flexible anti-corrosion materials. Does not migrate or degrade petroleum-based materials.

**Hazardous Decomposition:** Hydrogen Chloride (HCl) is released at temperatures above 200°C.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** None known.

**Sensitization:** Rare, but butyl rubber or resins may cause skin sensitization in hypersensitive individuals.

**Carcinogenicity:** Carbon Black is fully encapsulated in the polymer and is not considered a hazard in this form.

## SECTION 12: ECOLOGICAL INFORMATION

**Persistence/Degradability:** The product is not biodegradable and is designed for long-term (30+ years) underground service.

**Ecotoxicity:** No known harmful effects on the aquatic or soil environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Treatment:** Not a hazardous waste. Can be landfilled. **Incineration** should only be done in facilities equipped with **acid gas scrubbers** to neutralize HCl emissions.

## SECTION 14: TRANSPORT INFORMATION

**DOT / IMDG / IATA:** NOT REGULATED. Safe for all transport modes.

## SECTION 15: REGULATORY INFORMATION

**RoHS Compliance:** Compliant (Lead-free, Cadmium-free stabilizers used).

**Standard Compliance:** Typically meets AWWA C209 and EN 12068 requirements for mechanical outer wraps.

## SECTION 16: OTHER INFORMATION

**HMIS Rating:** Health: 0 | Flammability: 1 | Physical Hazard: 0

**Prepared By:** Technical Quality Department of Shandong Quanmin Plastic Co., Ltd.

**Revision Date:** 2024-05-22

**Disclaimer:** This SDS is based on our current knowledge. It describes the safety requirements of the product and is not a guarantee of specific properties.