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# SAFETY DATA SHEET

**Product Name:** PVC Outer Wrap

**Revision Date:** 2017-05-15

**Compiler:** Fengzhao

**Checker:** Dongxuesheng

**Approver:** Zhangxiaojin



Shanghai Research Institute of Chemical Industry Testing Centre



# Shandong PLT Pipe Coating Technology Co., Ltd.

## SAFETY DATA SHEET

### PVC Outer Wrap

#### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: PVC Outer Wrap  
Company: Shandong PLT Pipe Coating Technology Co., Ltd.  
Address: No.686 Huanghe Road, Dongying City, Shandong Province, 257061, P.R.China  
Email: PLT@pltac.com  
Fax: 0086-546-8799117  
Emergency Phone: 0086-546-8799117  
SDS Number: 2617040078  
SDS Date: 2017-05-15

#### SECTION2 HAZARDS IDENTIFICATION

Classification according to Regulation(EC)No 1272/2008:

**Physical Hazards:**  
Not classified.

**Health Hazards:**  
Skin sensitization (Category 1)  
Reproductive toxicity (Category 1B)  
Specific target organ toxicity - single exposure (Category 3) (Respiratory tract irritation)  
Specific target organ toxicity - repeated exposure (Category 1) (Respiratory system)

**Environmental Hazards:**  
Not classified.

The hazards not mentioned are not applicable or no data available.

Label elements:

Hazard pictogram:



**Signal Word:**

Danger

**Hazard Statements:**

- May cause an allergic skin reaction.
- May damage fertility or the unborn child.
- May cause respiratory irritation.
- Causes damage to organs (Respiratory system) through prolonged or repeated exposure.

**Precautionary Statements:**

- Do not handle until all safety precautions have been read and understood.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not eat, drink or smoke when using this product.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local / regional / national / international regulation.

**Other Hazards:**

No data available

**SECTION3 INFORMATION ON INGREDIENTS**

Product name: PVC Outer Wrap

**SECTION4 FIRST-AID MEASURES**

**Skin Exposure:**

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, call a physician.

**Eye Exposure:**

In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

**Inhalation Exposure:**

- If inhaled, remove to fresh air.
- If breathing is difficult, give oxygen.
- If not breathing give artificial respiration.
- Call a physician immediately.

**Oral Exposure:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

**Most important symptoms and effects, both acute and delayed:**

No data available.

**Indication of any immediate medical attention and special treatment needed:**

No data available.

**SECTION5 FIRE FIGHTING MEASURES****Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

**Special hazards arising from the substance or mixture:**

May decompose upon combustion or in high temperatures to generate Carbon oxides, Hydrogen chloride gas.

**Advice for firefighters:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

**SECTION6 ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing dust. Entry to noninvolved personnel should be controlled around the leakage area by roping off, etc.

**Environmental precautions:**

Do not let product enter drains.

**Methods and materials for containment and cleaning up:**

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**SECTION7 HANDLING AND STORAGE****Precautions for safe handling:**

Wear appropriate protective clothing and gloves. Avoid inhalation of dust. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame.

Incompatibilities: Strong acids, Strong bases, Strong oxidizing agents, Chlorine, Nitrates potassium. Wash hands and face thoroughly after handling. No smoking at working site. Normal measures for preventive fire protection.

**Conditions for safe storage, including any incompatibilities:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong acids, Strong bases, Strong oxidizing agents, Chlorine, Nitrates potassium.

**SECTION8 EXPOSURE CONTROL/PPE****Control parameters:**

Polyvinyl chloride: ACGIH (2015): TLV-TWA: 1 mg/m<sup>3</sup> (R)

Dibutyl phthalate: ACGIH (2013): TLV-TWA 5 mg/m<sup>3</sup>

**Appropriate engineering controls:**

Mechanical exhaust required. Safety shower and eye bath.

**Personal Protective Equipment:**

Respiratory: Wear government approved respirator.

Eye: Wear chemical safety glasses.

Clothing: Wear appropriate protective clothing.

Hand: Wear compatible protective gloves.

**Other Protect:**

No smoking, drinking and eating at working site.

Wash thoroughly after handling.

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

**Appearance:** Yellow thin slice flaky solid  
**Odor:** Weak odor  
**pH Value:** Not applicable  
**Solubility:** Hardly soluble in water  
**Melting Point/°C:** >150°C softening

**SECTION10 STABILITY AND REACTIVITY**

**Reactivity:**  
No data available.  
**Chemical stability:**  
Stable under normal temperatures and pressures.  
**Possibility of hazardous reactions:**  
No data available.  
**Conditions to avoid:**  
No data available.  
**Incompatible materials:**  
Strong acids, Strong bases, Strong oxidizing agents, Chlorine, Nitrates potassium.  
**Hazardous Decomposition Products:**  
Carbon oxides, Hydrogen chloride gas.

**SECTION11 TOXICOLOGICAL INFORMATION**

**Acute toxicity:**  
Dibutyl phthalate:  
Rat Oral LD<sub>50</sub>: 8000 mg/kg; Rat Inhalation LC<sub>50</sub>: 4250 mg/m<sup>3</sup>; Rabbit Skin LD<sub>50</sub>: >20 mL/kg  
**Skin corrosion/irritation:**  
Causes mild skin irritation.  
**Serious eye damage/irritation:**  
Causes eye irritation.  
**Respiratory or skin sensitization:**  
May cause an allergic skin reaction.  
**Germ cell mutagenicity:**  
No data available.  
**Carcinogenicity:**  
No data available.  
**Reproductive toxicity:**  
May damage fertility or the unborn child.  
**Specific target organ toxicity - single exposure:**  
May cause respiratory irritation.  
**Specific target organ toxicity - repeated exposure:**  
Causes damage to organs (Respiratory system) through prolonged or repeated exposure.  
**Aspiration hazard:**  
No data available.

**SECTION12 ECOLOGICAL INFORMATION**

**Toxicity:**

**If you need more details, please contact us!**