



Material Safety Data Sheet

Issue date: 09/15/2017

Product: PVC Film

Section 1 – Product and Company Identification

Product name: PVC Film

Application: Potable Water Tank Liner

Company Identification: **Reliance Plus Ltd**

Unit A, 15/F, Seabright Plaza,
9 - 23 Shell Street,
North Point, Hong Kong
Tel: 852-2151-5480
Fax: 852-2151-5489

Section 2 – Composition/Information on Ingredients

Component	Percentage%
PVC Resin	40-70
Plasticizer	20-50%
Filler	0-30%
Additives	<5%

Section 3 – Hazards Identification

Classification:

Not Dangerous goods.

Health Hazards:

This product contains no substances in their given form that are considered hazardous to health.

Safety Hazards:

Not classified as flammable but will burn.

Eyes Contact:

Wash eyes with clean water. When heated to decomposition it emits acid smoke and irritating fumes.

Skin Contact:

Substance may cause slight skin irritation. Heated material can cause thermal burns.

Inhalation:

May caused irritation of respiratory tract.

Ingestion:

May harmful if swallowed.

Section 4 – Fire Fighting Measures**Extinguishing agents:**

Carbon dioxide, dry powder, foam, sand and water mist.

Unsuitable extinguishing agents:

Do not use high volume water jet or spray.

Hazardous decomposition:

Emits toxic and corrosive fumes under fire condition and will release CO, CO₂ and H₂O.

Protective Equipment:

Use a mask with universal filler, wear self-contained breathing apparatus.

Section 5 – Accidental Release Measure**Protective measures:**

Eliminate all sources of ignition. Wear appropriate clothing with dust respirator mask when clean up.

Environmental Precautions:

Shovel or use industrial vacuum cleaner to collect and recycling.

Section 6 – Handling and Storage**Handling:**

Proper ventilation for the process, wear dust respirator mask with protective gloves and clothes. No smoking and fire activity in the work areas.

Storage:

Store under dry and well-ventilated conditions, protect from heat and direct sunlight, kept away from sources of ignition.

Section 7 - Exposure Controls/ Personal protection

Engineering Controls:

Provide adequate ventilation and exhaust system.

Body Protection:

Wear heat-resistant gloves, clothing and face shield able to withstand the temperature of the molten process.

Eyes Protection:

Safety goggles with side shields.

Section 8 – Physical and Chemical Properties

Physical state: Sheets and roll goods

Color: Opaque

Odor: Nominal

Density: No data available

Specific gravity: >1.26

Melting point: No data available

Boiling point: No data available

Flash point: No data available

Ignition temperature: No data available

Explosion limits: No information available

Vapor Pressure: No data available

Solubility in water: No information available

Section 9 – Stability and Reactivity

Stability: Stable under normal use and storage

Incompatibility: None known

Conditions to avoid: To avoid thermal decomposition, do not overheat

Hazardous Decomposition Products: None under normal processing

Section 10 – Toxicological Information

No experimental toxicological data of the product as available. From structurally related products, the following data may be expected.

Acute Toxicity: No information available

Irritation: No information available

Sensitization: No information available

Section 11 – Ecological Information

Product Ecotoxicity: No information available

Component Information: No information available

Section 12 – Disposal Considerations

Dispose must be in compliance with all local, state or national laws and regulations.

Section 13 – Transport Information

Land: ADR/RID not classified as dangerous goods under transport regulations.

Inland waterway: ADN not classified as dangerous goods under transport regulations.

Sea: IMDG/IMO not classified as dangerous goods under transport regulations.

Air: IATA/ICAO not classified as dangerous goods under transport regulations.

Section 14 – Regulation Information

International Inventories:

All components in this product are on or are exempt from listing on the US TSCA Inventory and the Canadian DSL Inventory.

U.S. Federal Regulations:

SARA 313: Section 313 of Title III of Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312: This product is not a hazardous chemical under Section SARA 311/312 Categorization.

Clean Water Act: There are no chemicals in this product that are subject to the Clean Water Act.

CERCLA: There are no chemicals in this product that are subject to CERCLA.

Section 15 – Other Information

The information in this MSDS is based on our current knowledge and the information contained herein is accurate as of the date of publication. This does not constitute as a warranty and liability on our behalf. Final determination of suitability of the product is the sole responsibility of the user and the responsibility for the appropriate, safe handling, storage and legal use.