

Material Safety Data Sheet

**Product Name : Thermoplastic
Polyurethane TPU Film**

Jiangsu Yingke Medical Products Co., Ltd.
www.intcomedical.com

Material Safety Data Sheet

Item 1: Chemical Name and Manufacturer Information

Sample name : Thermoplastic polyurethane TPU film Model: HX-0190A

Client : Jiangsu Yingke Medical Products Co., Ltd.

Address : No. 298, Yandunshan Road, Zhenjiang, Jiangsu

Telephone : 0511-83174088

Item 2: Hazard Information

Hazard Classification : According to Directive (EC) No. 1272/2008, this sample is not classified as dangerous.

Routes of entry : Skin contact: No known significant effects and hazards.

Eye Contact : May be irritating to eyes.

Inhalation : Harmful if inhaled.

Ingestion : Swallowing may cause gastrointestinal upset.

Health Hazards : Ingestion may cause discomfort.

Environmental hazards : Has long lasting effects on aquatic life.

Explosion Hazard : Sample may burn.

Item 3: Composition Information

Pure mixture ☒

Chemical composition:

Chemical name	Ingredient weight percentage
Polyester polyols	50%
Diols	15%
Isocyanate	35%

Item 4: First aid measures

Skin Contact : No significant effects or hazards known.

Eye contact : Lift the eyelids and rinse with running water or saline. Seek medical attention.

Inhalation: Leave the scene quickly to fresh air. Keep the airway open. If breathing is difficult, give transfusion. Seek medical attention. **Inhalation:** Drink plenty of warm water and induce vomiting. Seek medical attention.

Item 5: Firefighting measures

Hazardous characteristics : Flammable when exposed to open flame or high heat.

Harmful combustion products : carbon monoxide, carbon dioxide, smoke.

Methods and extinguishing agents : Firefighters must wear filter-type gas masks (full-face masks) or isolation respirators, wear full-body fireproof and anti-gas suits, and extinguish fires in the upwind direction. Move containers from the fire scene to an open area as much as possible. Spray water to keep the fire container cool until the fire is extinguished. If the container in the fire scene has changed color or there is a sound from the safety pressure relief device, it must be evacuated immediately. Fire extinguishing agents: mist water, foam, dry powder, carbon dioxide, sand and soil.

Item 6: Emergency treatment of leakage

Emergency treatment : Cut off the fire source. Evacuate personnel to a safe place, isolate the contaminated area, and restrict personnel from entering. It is recommended that personnel wear dust masks and work clothes. Small leakage: Clean up. Put in a bag and transfer to a safe place. Large leakage: Recycle or transport to a waste disposal site for disposal.

Item 7: Handling and Storage

Operation precautions : Closed operation, provide adequate local exhaust. Operators must be specially trained and strictly abide by the operating procedures. It is recommended that operators wear self-contained protective masks and protective gloves. Keep away from fire and heat sources. Smoking is strictly prohibited in the workplace. Avoid generating smoke. Avoid contact with oxidants. Equip with appropriate types and quantities of fire-fighting equipment and leakage emergency treatment equipment. Storage precautions: Store in a dry place and properly packaged, moisture-proof, and naturally ventilated. Keep away from fire and heat sources. Equip with appropriate types and quantities of fire-fighting equipment.

Item 8: Exposure Controls and Personal Protection Measures

Maximum allowable concentration : No standard has been established

Monitoring methods : None.

Engineering Controls : Provide adequate exhaust ventilation.

Respiratory protection : None.

Eye protection : No special requirements for general use.

Body protection : No special requirements for general use.

Hand protection : No special requirements for general use.

Other protection : No smoking at the work site. Maintain good hygiene habits.

Item 9: Physical and chemical properties

Appearance : No relevant data

Odor : None

Color : Transparent

Flashpoint : N/A

Ignition temperature : N/A

Solubility : Insoluble in water.

Item 10: Stability and Reactivity

Stability : Stable under normal conditions

Incompatible materials : strong oxidizing agents, strong acids.

Conditions to avoid : Fire, high temperature.

Hazardous Polymerization : None

Decomposition products : No decomposition products or other irritating substances will be produced under normal conditions

Item 11: Toxicological Information

Acute Toxicity : No known significant effects or hazards.

Subacute and Chronic Toxicity : No known significant effects or hazards.

Irritation : No known significant effects or hazards.

Sensitization : No known significant effects or hazards

Mutagenicity : No known significant effects or hazards.

Carcinogenicity : No known significant effects or hazards.

Others : None.

Item 12: Ecological Information

Ecotoxicity : No known significant effects or hazards.

Biodegradability : No data available.

Degradability : No relevant data

Bioaccumulation or bioaccumulation : No relevant data Other adverse effects: No known significant effects and hazards

Item 13: Disposal

Waste nature : This sample is not considered hazardous waste, as defined in Regulation (EC) No. 1272/2008. Waste disposal method: Please refer to relevant national and local regulations before disposal. Waste precautions: None

Item 14: Transportation Information

Dangerous Goods No .: Not Applicable

UN Number : Not applicable

Packaging Marking : Not Applicable

Packing method : None

Mode of transportation : air, road, sea, rail

Transportation precautions : Before transportation, check whether the packaging container is complete and sealed. During transportation, ensure that the container does not leak, collapse, fall or be damaged. It is strictly prohibited to mix and transport with oxidants, edible chemicals, etc. Transport ships and vehicles must be thoroughly cleaned and disinfected, otherwise no other items may be loaded. During transportation, vehicles should be protected from rain and high temperatures. When stopping over, ships and vehicles should be kept away from open flames and high-temperature heat sources.

Item 15: Regulatory Information

Regulatory information : ISO 11014:2009 Contents and order of items in a chemical safety data sheet.

Regulation (EC) No. 1272/2008, Labelling and packaging of substances and mixtures.

Item 16: Other information

The above information is based on the assumption that the data is accurate, as this information may be applied or modified under circumstances beyond our control, and we do not bear any responsibility for this. This information is configured in the case that the recipient decides on the proprietary purpose of the material.

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