

Issue Date: 12/09/2024
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: TP5744SLN

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: Specimen Sample Container

SECTION 2 HAZARD IDENTIFICATION

Risk category: According national standards, is not hazardous chemicals.
Invasive approach: inhalation, feeding.

Health hazards: No harm to the human body. The material test results comply with GB 9693- 1988 Hygiene Standard for Polypropylene Resin for Food Packaging.

Environmental hazards: The substance is not prone to natural degradation, dissolution or chemical reaction, but may be photodegraded. Harmful to the environment, special attention should be paid to the soil
Soil pollution.

Burst risk: No combustion and explosion at room temperature and normal pressure, contact with strong oxidant may cause combustion and explosion, spontaneous combustion temperature is greater than 390°C,
The main harmful substance in combustion is carbon monoxide.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Basis	Potency	CAS No .
Sulan	Over 99.7%	9010-79-1

The material contains a small amount of stabilizer and contains no hazards

SECTION 4 FIRST AID MEASURES

Skin contact: Generally no stimulation, will not absorb the harmful substances of the material and cause injury.
After contact, you can be washed or washed with soapy water and water.

Eye contact: The entry of solid and dust will cause mechanical damage to the cornea, and it should be immediately washed with flowing water for more than 20min. If the foreign body sensation is serious, seek medical treatment.

Inhalation: Generally does not cause harm, if it affects breathing, seek medical treatment.

Food intake: A small amount of food can naturally discharge outside the body, excessive food sent to the hospital for treatment.

SECTION 5 FIRE FIGHTING MEASURES

Hazardous characteristics: High temperature combustible, room temperature and pressure will not spontaneous combustion.

Harmful combustion products: They will decompose under combustion conditions, and the smoke may contain a small amount of unknown compounds generated after decomposition. The combustion of the product
Mainly, carbon monoxide and carbon dioxide.

Fire extinguishing methods and fire extinguishing agents: There are no special requirements.

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Fire fighting precautions and measures: No special requirements, keep normal breathing conditions.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency treatment: Ground leakage, collected with clean shovel in dry and clean containers; water surface leakage, salvage and collection in clean containers. If the material or contaminated water fluid enters the waterway, notify potential downstream users and local pollution control authorities.

SECTION 7 HANDLING AND STORAGE

Operation disposal Note: Operators should receive special training and strictly follow the operating procedures. The operating place shall be well ventilated to prevent smoke inhalation fog. It is recommended that operators wear work clothes and heatresistant gloves. Smoking is prohibited in the workplace. Avoid direct contact with strong oxidants. When handling, light unloading to prevent packaging damage. Equipped with the corresponding fire-fighting equipment and leakage emergency treatment equipment. Empty packaging materials should be collected and treated centrally to prevent environmental damage.

Storage precautions: Store in a cool, dry and ventilated warehouse. Keep away from fire, heat source and strong oxidant, and keep the bag sealed.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Monitoring method: Meaningless

Engineering control: To maximize good ventilation conditions. The operating parts of the smoke production must be partially drained away.

Respiratory system protection: Respiratory protection is not required for most operations, and when the dust is high, use dust masks.

Eye protection: Most operations do not need protection, dust is more, use safety goggles.

Body protection: Wear general work clothes. Proper ventilation is required when the product is hot processed for those with potential exposure to molten material

For the following equipment: Masks, thermal protective gloves (long sleeves), cotton products overalls with sleeve collar buckle, leather safety shoes or rubber boots (trouser legs left outside), goggles, safety helmet.

Hand protection: General gloves.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Solid and granular, white and odorless.

Melting point (°C): 155-165 °C

Relative density (water =1): 0.905 (g / cm³)

Spontaneous combustion temperature: greater than 390 °C

Solubility: Insoluble in water, acetone, and ethanol

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Recommended use: Mainly used for the production of various food, beverage and other transparent packaging bottles and small transparent products

Polymer type: Random copolymerization

SECTION 10 STABILITY AND REACTIVITY

Stability: It is stable under natural conditions.

Prohibited: With strong acid, chlorine and other strong oxidants, potassium permanganate, isopropyl oil.

Conditions to avoid contact: Open fire, intense light.

Decomposition products: According to the temperature, the adequacy of other media materials and air to produce different decomposition products, materials will be degraded during thermal processing
Very small amount of hydrocarbons, with a limited amount of acetaldehyde.
Complete combustion end-products are carbon dioxide and water.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity: An acute transoral toxicity test in rats, LD50s greater than 10,000 mg / kg, non-toxic.

Irritancy: Rabbit acute skin irritation test, integral mean of 0, no irritation; rabbit acute eye irritation test, cornea, iris and knot
The membrane integral was all 0 and not irritating.

Mutagenicity: Resin immersion solution was not mutagenic, either by direct effect or after metabolic activation.

Teratogenicity: The resin immersion solution showed no teratogenesis in the detection system of mammalian Chinese hamster lung cells (CHL) cultured in vitro, regardless of whether the activation system was added.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Ecology and bioaccumulation, with no severe toxic reaction.

Biodegradability: Materials will be maintained in the soil in the land environment and floating on the surface in the ocean environment.

Non-biological degradability: It can be decomposed at high temperature and oxidation. UV light with wavelengths of 290~320nmv is the main cause for the photodegradation of macromolecules white. The participation of natural environmental factors such as oxygen, heat, water (such as rain and snow), and force (such as wind and sand) will accelerate the process of photodegradation.

SECTION 13 DISPOSAL CONSIDERATIONS

Nature of waste: General solid waste.

Waste disposal method: this product is best reused, and can be recycled by crushing method.
The waste materials generated during the production process shall be kept clean,
Store properly for recycling. In compliance with local laws, regulations and other requirements.

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SECTION 14 TRANSPORT INFORMATION

Dangerous goods number: GB 6944, no income
UN number: None
Packaging mark: Ordinary chemicals
Packaging category: According to the ordinary chemical product conditions
Packaging method: Standard packaging: 25kg / bag, packaging with polyethylene heavy packaging film bag, coat polypropylene woven bag, or composite packaging bag; packaging 550mm 850mm. Other forms of packaging may be used according to the customer's needs.
Transportation precautions: Transport at ambient temperature, avoid sun exposure or rain, and do not mix with sand, metal and other pollutants and flammable goods.

SECTION 15 REGULATORY INFORMATION

There is no specific statute provision.

SECTION 16 OTHER INFORMATION

Preparation instructions: Based on our current understanding of the product, the above information is correct. But only as the purpose of explaining the product. If there is a new understanding and information, we will modify it in time.

END OF SDS