



Product SDS

Reference date: Revision date: 06/09/2021

01. Identification of the substance/mixture and of the company

Product name: SST Transport Cart

Code number(s): TTCC-20, TTCC-40

Purpose of product: To safely transport and store SST instrument retrieval trays in water-tight closed carts.

Manufacturer/supplier: Healthmark Industries Co.

Address: 18600 Malyn Blvd. / Fraser, MI 48026

Telephone/Fax/Email: (800) 521-6224 / (586) 491-2113 / healthmark@hmark.com

Emergency telephone number: (800) 424-9300 (24-hour service)

02. Hazards identifications

Classification of the substance or mixture: Combustible dust

Pigment: N/A

Adverse environmental and human health effects: N/A

03. Composition/information on ingredients

<u>Description of the mixture:</u>	<u>CAS #:</u>	<u>% by Weight</u>
Polyethylene Hexene Copolymer	25213-02-9	99-100

Hazardous ingredients: May form combustible dust concentration in air. While this product may not be a combustible dust as sold, further processing or handling may form combustible dust concentration in air.

General information: Pellets may cause a slip hazard on hard surfaces. Mechanical processing may form combustible dust concentration in air and thermal processing at elevated temperatures may generate formaldehyde.

Following inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

- Repeated exposure to dust from this material may cause respiratory irritation. Fumes generated during thermal processing may cause irritation of the upper respiratory tract.

Following skin contact: If the molten material gets on skin, quickly cool in water. Seek immediate medical attention. Do not try to peel the solidified material from the skin or use solvents or thinners to dissolve it.

- Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to cause an allergic response.

Following eye contact: Rinse immediately with plenty of water and seek medical advice. Contact with the eyes may cause irritation due to the abrasive action.

- Not expected to cause prolonged or significant eye irritation. Thermal burns may result if heated material contacts eye.

Following ingestion: Do not induce vomiting without medical advice.

- Ingestion of this product is not likely route of exposure.

Notes for the doctor: N/A

04. Firefighting measures

Suitable extinguishing media: Water, water mist, dry chemical, carbon dioxide (CO₂). Foam, if possible, water should be applied as a spray from a fogging nozzle since this is a surface burning material. The application of high velocity water will spread the burning surface layer. Avoid the use of straight streams that may create a dust cloud and the risk of a dust explosion. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: Risks of ignition followed by flame propagation or secondary explosions can be caused by the accumulation of dust, e.g. on floors and ledges.

- Treat as a solid that can burn. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion.

Advice for firefighters: Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.

05. Accidental release measures

General information: Sweep up to prevent slipping hazard. Avoid breathing dust. Avoid dust formation.

Environmental precautions: Do not contaminate surface water. Prevent product from entering drains.

Additional information: Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

06. Handling and storage

Precautions for safe handling: Use good housekeeping for safe handling of the product. Keep out of water sources and sewers. Spilled pellets and powders may create a slipping hazard. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient. At elevated temperatures (<350°F, >177°C), polyethylene can release vapors, and gases, which are irritating to the mucous membranes of the eyes, mouth, throat and lungs. These substances may include acetaldehyde, acetone, acetic acid, formic acid, formaldehyde and acrolein. Based on animal data and limited epidemiological evidence, formaldehyde has been listed as a carcinogen.

Fire Preventions: Treat as a solid that can burn. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion.

Technical measures and storage conditions: Keep in a dry place. Keep in well-ventilated place. Do not store together with oxidizing and self-igniting products.

07. Exposure controls/personal protection

Control parameters: Control as Particulate Not Otherwise Classified (PNOC). The ACGIH Guideline for respirable dust is 3.0 mg/m³ and 10.0 mg/m³ for total dust. The OSHA PEL for respirable dust is 5.0 mg/m³ for total dust.

Personal protective equipment: At ambient temperature use of clean and protective clothing is good industrial practice. If the material is heated or molten, wear thermally insulated, heat-resistant gloves that are able to withstand the temperature of the molten product. If this material is heated, wear insulated clothing to prevent skin contact if engineering controls or work practices are not adequate.

Hand protection: N/A

Respiratory protection: None normally required. If heated material generates vapor or fumes that are not adequately controlled by ventilation, wear an appropriated respirator. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection. Dust safety masks are recommended when the dust concentration is excessive.

Eye protection: Use of safety glasses with side shields for slid handling is good industrial practice. If this material is heated, wear chemical goggles or safety glasses with side shields or a face shield. If there is potential for dust, use chemical goggles.

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

08. Physical and chemical properties

Appearance: Pellets

Physical state: Solid

Color: Opaque

Odor: Mild to no odor

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: 0.91-0.97 g/cm³

pH: N/A

Initial boiling point/range: °C /°F N/A

Solubility: Negligible

Flash point: °C /°F N/A

Ignition temperature: °C /°F N/A

Melting point: 90-140 °C /194-284 °F

Conditions to avoid: N/A

Incompatible materials: N/A

Thermal Decomposition: Low molecular weight hydrocarbons, alcohols, aldehydes, acids, and ketones can be formed during thermal processing.

09. Stability and reactivity

Conditions to avoid: Avoid prolonged storage at elevated temperature.

Incompatible materials: Avoid contact with strong oxidizing agents.

Hazardous decomposition products: Normal combustion forms carbon dioxide, water vapor and may produce carbon monoxide, other hydrocarbons, and hydrocarbon oxidation products, (ketones, aldehydes, organic acids) depending on temperature and air availability. Incomplete combustion can also produce formaldehyde.

10. Toxicological information

Information on toxicological effects: N/A

Irritation: N/A

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

11. Ecological information

Terrestrial toxicity: No data available

Aquatic toxicity: N/A

Mobility: Insoluble and floats in water.

Persistence and degradability: N/A

Bio accumulative potential: Not expected to be readily biodegradable.

Results of PBT and vPvB assessment: N/A

Other adverse effects: Fish or birds may eat pellets which may obstruct their digestive tracts.

12. Disposal considerations

Product: Please refer to applicable local, state and federal regulations.

Contaminated packaging: N/A

Uncontaminated packaging: N/A

13. Transport information

UN-No: N/A

Proper shipping name: N/A

Classification code: N/A

Packing group: N/A

Hazard label: N/A

14. Regulatory information

Material safety evaluation: N/A

Regulation on combustible liquids: N/A

Class according 2009/104/EG (BetrSichV): N/A

Water hazard class: N/A

Storage according TRGS 510 (Storage of hazardous substances in non-stationary containers): N/A

15. Other information

Recommended application: Store in cool place. Do not store gloves above 104°F (40°C). Shield from direct sun exposure or fluorescent lighting to prevent discoloration. Do not store in areas that are damp or in high humidity.

Relevant R-, H-, and EUH-phrases: N/A

The information supplied in this Safety Data Sheet is designed only as a guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and beliefs at the date of the publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other processes.