

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

Product name: Translucent Tip Protectors

Code number(s): 10001-10010

Purpose of product: Prevents moisture from being trapped between the protector and the instrument. Tip Protectors are also vented – ensuring that moisture quickly evaporates during the sterilization cycle. The see-through design means tips are easily visible.

Manufacturer/supplier: Healthmark, A Getinge Company.

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: This product does not contain any hazardous ingredients.

Adverse environmental and human health effects: If this product is used in a manner that could generate particulates, it is recommended that the dust be treated as PNOC (particulates not otherwise classified).

## 03. Composition/information on ingredients

Description of the mixture: N/A

Hazardous ingredients: This product does not contain any hazardous ingredients.

## 04. First aid measures

General information: N/A

Following inhalation: Product fines may cause mild mechanical irritation to the nose, throat and respiratory tract. Not likely to be inhaled due to physical form; remove affected person from dusty environment.

Following skin contact: Product is presumed to be minimally irritating to the skin. Wash skin thoroughly with soap and water. If contact with molten product occurs, treat as for ordinary burns. If molten polymer contacts the skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burns.

Following eye contact: Product fines may cause mechanical irritation. Flush eyes with water for 20-30 minutes. If irritation occurs, get medical attention.

Following ingestion: Product is generally considered to have a low order of acute oral toxicity. Not probable; if a large amount is swallowed, seek medical attention.

Notes for the doctor: N/A

## 05. Firefighting measures

Suitable extinguishing media: Water fog, foam, dry chemical, or carbon dioxide

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: Molded parts generally burn slowly with a low smoke density and flaming drips. Under certain conditions can burn with a high smoke density.

Advice for firefighters: Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

## 06. Accidental release measures

General information: Shovel and sweep up or use industrial vacuum cleaner; avoid generating dust clouds; put into containers for reclaiming or disposal.

Environmental precautions: N/A

Additional information: N/A

## 07. Handling and storage

Precautions for safe handling: Treat as a solid that can burn. Store away from oxidizing materials, in a cool, dry place with adequate ventilation.

Fire Preventions: In processing, do not allow temperature to exceed 450°F. Maintain a fire watch if 450°F, is reached.

Technical measures and storage conditions: Product has a tendency to accumulate static charge during transport, handling and processing. Reducing the velocity of transport will reduce charging. Static charge buildup can be a potential fire hazard when used in the presence of volatile or flammable mixtures.

## 08. Exposure controls/personal protection

Control parameters: N/A

Personal protective equipment: Heat protective clothing.

Hand protection: Heat protective gloves.

Respiratory protection: Ventilation as required to control dust concentration in air. Adequate ventilation and or engineering controls are required when product is heated in processing.

Eye protection: Safety glasses

Advice on general occupational hygiene: Pre-existing eye and respiratory disorders may be aggravated by product fines.

Environmental exposure controls: N/A

## 09. Physical and chemical properties

Appearance: N/A

Physical state: Solid

Color: N/A

Odor: Essentially odorless

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: N/A

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: 190 °C-200 °C / 374 °F -392°F

Conditions to avoid: N/A

Incompatible materials: Strong oxidizing agents

## 10. Stability and reactivity

Conditions to avoid: N/A

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: At processing temperatures, some degree of thermal degradation will occur; although highly dependent on temperature and environmental conditions, a variety of decomposition products may be present ranging from simple hydrocarbons (such as methane and propane) to toxic/irritating gases (carbon monoxide and dioxide, acrolein, acids, ketones, aldehydes).

## 11. Toxicological information

Information on toxicological effects: N/A

Irritation: N/A

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

## 12. Ecological information

Terrestrial toxicity: N/A

Aquatic toxicity: N/A

Mobility: N/A

Persistence and degradability: Hazardous degradation products are not likely to appear in a short period of time. Long term degradation product information is not available.

Bio accumulative potential: N/A

Results of PBT and vPvB assessment: N/A

Other adverse effects: N/A

## 13. Disposal considerations

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

Contaminated packaging: N/A

Uncontaminated packaging: N/A

## 14. Transport information

UN-No: N/A

Proper shipping name: N/A

Classification code: N/A

Packing group: N/A

Hazard label: N/A

## 15. Regulatory information

Material safety evaluation: Not regulated under Section 313 of Title III of the Superfund Amendments & Reauthorization Act of 1986, California Safe Drinking and Water Act, Resource Conservation and Recovery Act, Coalition of Northeastern Governors, Extremely Hazardous Substance.

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

## 16. Other information

Recommended application: N/A

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.