



# Product SDS

Reference date: 9/9/09 Revision date: 7/25/14

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

Product name: Hinged-Top Micro Trays

Code number(s): 30732-H, 30842-H, 31042-H, 31772-H, 31462-H

Purpose of product: Designed to organize micro-surgical instruments & hardware. Its living hinged cover and snap latch allows fast and secure operation. These trays are designed for use in all forms of sterilization.

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-hours service)

## 02. Hazards identifications

Classification of the substance or mixture: Propylene/ethylene copolymer pellets

Adverse environmental and human health effects:

Spilled material may present a slipping hazard. This product as shipped is not classified as a combustible dust; however, a combustible concentration of dust may occur if fines are suspended in air.

Eyes: Process vapors may irritate eyes.

Skin: Exposure to molten resin may cause thermal burns.

Ingestion: N/A

Inhalation: Process vapors may cause respiratory tract irritation.

## 03. Composition/information on ingredients

Description of the mixture:

Component	CAS #	% weight
Propylene ethylene copolymer	9010-79-1	>95% weight
Stabilizers (trade secret)		<5% weight

Hazardous ingredients: N/A

## 04. First aid measures

General information: N/A

Following inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Following skin contact: Molten resin: If molten material comes in contact with the skin, cool under ice water or a running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Get medical attention.

Following eye contact: Flush eyes with water for 15 minutes. Get medical attention.

Following ingestion: N/A

Noted for the doctor: N/A

## **05. Firefighting measures**

Suitable extinguishing media: Use foam, carbon dioxide, or water spray when fighting fires involving this material.

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: Carbon dioxide, carbon monoxide, ketones, acrolein, formaldehyde, aldehydes, unidentified organic compounds.

Advice for firefighters: Standard procedures for Class A fires. Wear self-contained pressure demand breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

## **06. Accidental release measures**

General information: Vacuum or sweep up material and place in a disposal container.

Environmental precautions:

Water: Keep pellets out of waterways.

Land: Avoid runoff into storm sewers and ditches which lead to waterways.

Additional information: N/A

## **07. Handling and storage**

Precautions for safe handling: Keep away from heat, sparks, and flame. Ground and bond containers when transferring material. This product may react with strong oxidizing agents and should not be stored near such materials. Store boxes and bags of material in areas protected with automatic sprinklers. Storage temperatures: minimum to 60°C / 140°F maximum. Material may accumulate static charges during transfers.

Fire Preventions: N/A

Technical measures and storage conditions: N/A

## **08. Exposure controls/personal protection**

Control parameters: Provide adequate room ventilation. Provide adequate ventilation at the extruder to minimize exposure to process vapors. Eliminate ignition sources during repair and maintenance operations. Eyewash fountains and safety showers should be easily accessible.

Personal protective equipment: See below

Hand protection: When handling or processing resins at elevated temperatures or in a molten state, wear protective clothing over skin and suitable gloves to prevent contact.

Respiratory protection: A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and/or CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator.

Eye protection: Wear safety glasses with side shields or goggles.

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

## 09. Physical and chemical properties

Appearance: Pellets

Physical state: Solid

Color: Translucent to white

Odor: Slight waxy odor

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: >120°C / 248°F

Conditions to avoid: N/A

Incompatible materials: Oxidizing materials.

## 10. Stability and reactivity

Conditions to avoid: N/A

Incompatible materials: Oxidizing materials.

Hazardous decomposition products: At elevated temperatures the material will begin to decompose, producing fumes that can contain carbon dioxide, carbon monoxide, ketones, acrolein, formaldehyde, aldehydes, and unidentified organic compounds.

## 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: N/A

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:

United States:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): This product is not subject to SARA Title III requirements.

OSHA HAZARD COMM. RULE: This product is not considered a hazardous material at temperatures below the melting point as determined by Basell according to OSHA definitions.

CLEAN WATER ACT: The product is regulated under EPA's Clear Water Act/NPDES rules as "floating material." In addition, this product is considered "significant material" under the EPA's storm water permit rules.

Canada:

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This product is not considered a controlled substance under WHMIS. This SDS meets WHMIS format requirements.

European Community:

EUROPEAN COMMUNITY REGULATORY: All ingredients are in compliance with EINECS/ELINCS.

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.