



healthmark
INDUSTRIES CO.
health care products
800-521-6224
www.hmark.com

Product SDS

Reference date: Revision date: 7/25/14

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

Product name: Instru-Trays

Code number(s): 41520H

Purpose of product: N/A

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: Thermoplastic polymer

Adverse environmental and human health effects: Melted product is flammable and produces intense heat and dense smoke during burning. Irritating gases/fumes may be given off during burning or thermal decomposition. May cause mechanical irritation (abrasion). Causes a slipping hazard if spilled. Contact with hot material will cause thermal burns. Primary routes of entry include inhalation, skin contact, eye contact. Medical conditions aggravated by exposure include respiratory disorders.

03. Composition/information on ingredients

Description of the mixture: Bisphenol A polycarbonate (thermoplastic polymer) CAS # is a trade secret. Additional types of polycarbonate may be used as necessary to adjust the melt flow rate.

Hazardous ingredients: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

04. First aid measures

General information: N/A

Following inhalation: If inhaled, remove to fresh air.

Following skin contact: In case of skin contact, wash affected areas with soap and water. Get medical attention if thermal burn occurs.

Following eye contact: In case of eye contact, flush eyes with plenty of lukewarm water.

Following ingestion: Get medical attention.

Noted for the doctor: N/A

05. Firefighting measures

Suitable extinguishing media: Water, foam, dry chemical, carbon dioxide (CO₂)

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: Toxic and irritating gases/fumes may be given off curing burning or thermal decomposition. Dust may form explosive mixtures with air.

Advice for firefighters: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

06. Accidental release measures

General information: If molten, allow material to cool and place into an appropriate marked container for disposal.

Environmental precautions: N/A

Additional information: N/A

07. Handling and storage

Precautions for safe handling: Maximum storage temperature: 93°C / 199.4°F. Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Avoid breathing dust. Protect equipment (e.g. storage bins, conveyors, dust collectors) with explosion vents.

Fire Preventions: N/A

Technical measures and storage conditions: N/A

08. Exposure controls/personal protection

Control parameters: General dilution and local exhaust as necessary to control airborne vapors, mists, dusts, and thermal decomposition products below appropriate airborne concentration standards/guidelines.

Personal protective equipment: See below.

Hand protection: Wear heat resistant gloves when handling molten material.

Respiratory protection: N/A

Eye protection: Safety glasses with side shields.

Advice on general occupational hygiene: Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Purgings should be collected as small flat thin shapes or thin strands to allow for rapid cooling.

09. Physical and chemical properties

Appearance: Pellets

Physical state: Solid

Color: N/A

Odor: Slight

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: 38-42 lb / ft³

pH: N/A

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

Solubility: Insoluble

Flash point: 320°C / 608°F

Ignition temperature: 450°C / 842°F

Melting point: 220°C / 428°F

Conditions to avoid: N/A

Incompatible materials: N/A

10. Stability and reactivity

Conditions to avoid: N/A

Incompatible materials: N/A

Hazardous decomposition products: By fire and thermal decomposition: Phenol, bisphenol A, carbon dioxide, aldehydes, carbon monoxide.

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: N/A

United States Federal Regulations: N/A

OSHA Hazcom Standard Rating: Non-hazardous

US Toxic Substances Control Act: Listed on the TSCA inventory

US EPA CERCLA Hazardous Substances (40 CFR 302): Components – none

SARA Section 311/312 Hazard Categories: Non-hazardous under Section 311/312

US EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): Components – none

US EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) – Supplier Notification Required: Components – none

US EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261): If discarded in its purchased form, this product would not be hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

State Right-To-Know Information:

The following chemicals are specifically listed by the individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

The concentrations reported below in units of parts per million (ppm) or parts per billion (ppb) are maximum values.

Massachusetts, New Jersey, or Pennsylvania Right-To-Know Substance Lists:

Bisphenol A polycarbonate CAS #25971-63-5 $\geq 1\%$ weight

MA Right-To-Know Extraordinarily Hazardous Substance List:

Methylene chloride CAS #75-09-2 3 ppm

California Prop. 65:

Warning! This product contains chemical(s) known to the state of California to be carcinogenic.

Methylene chloride CAS #75-09-2 0.0003% weight

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.