



Product SDS

Reference date: 03/19/08 Revision date: 07/24/14

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

Product name: 20" Round SST Tray

Code number(s): 2220, 2220B, 2220C

Purpose of product: This 20" diameter tray allows flexible scopes to be safely coiled for complete immersion in disinfecting solution. The lift-off lid completely covers the tray, limiting fumes.

Manufacturer/supplier: Healthmark Industries Co.

Address: 33671 Doreka Drive / Fraser, MI 48026

Telephone/Fax/Email: (586) 774-7600 / (586) 491-2113 / healthmark@hmark.com

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

02. Hazards identifications

Classification of the substance or mixture:

Component	CAS #
Acrylonitrile/Butadlene/Stryrene	9003-56-9
Styrene/Acrylonitrile Copolymer	9003-54-7
Acrylonitrile/Butadlene/Styrene Terpolymer	100-42-5
Residual Acrylonitrile Monomer	107-13-1

Adverse environmental and human health effects: The product is not expected to be an inhalation hazard under normal processing conditions. If material is processed under prolonged exposure to flame or high temperature, thermal burns to the skin may occur, and gases may be produced that are irritating to the respiratory system. Routes of entry could include eye, skin, and inhalation, due to exposure to flame (molten plastic). At thermal decomposition small amount of Styrene, Ethylbenzene, and Acrylonitrile may be emitted. Exposure of high concentrations of these vapors and fumes could cause nausea, drowsiness, and headache. In October 1988, the National Institute for Occupational Safety and Health (NIOSH) found insufficient evidence to classify Styrene as a carcinogen.

03. Composition/information on ingredients

Description of the mixture:

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Hazardous ingredients: n/a

04. First aid measures

General information: n/a

Following inhalation: Remove affected individual to fresh air, seek medical attention if difficulties in breathing occur.

Following skin contact: If skin contact with molten material, place affected area under cold running water. Seek medical attention for removal of material from the affected area.

Following eye contact: If there is contact to the eyes with molten material, rinse with plenty of water and seek immediate medical attention. If fumes enter the eye, rinse with water for 15 minutes and seek immediate medical attention if irritation develops.

Following ingestion: n/a

Noted for the doctor: n/a

05. Firefighting measures

Suitable extinguishing media: Dry extinguisher, water, carbon dioxide, foam.

Unsuitable extinguishing media: n/a

Special hazards arising from the substance and combustion products: During a fire, irritating and toxic gasses and aerosols may be generated by thermal decomposition and combustion.

Advice for firefighters: Firefighters should be equipped with self-contained breathing apparatus.

06. Accidental release measures

General information: n/a

Environmental precautions: n/a

Additional information: n/a

07. Handling and storage

Precautions for safe handling: Protect against flame and intense heat. Store in a well-ventilated area, avoid extreme heat and any sources of ignition or open flames.

Fire Preventions: n/a

Technical measures and storage conditions: n/a

08. Exposure controls/personal protection

Control parameters: Avoid contact with molten material on the skin, eyes, and clothing. Handle product in accordance with good industrial hygiene and safety practices.

Personal protective equipment: n/a

Hand protection: Gloves may be required when processing the sheet due to sharp edges and when plastic is the molten state.

Respiratory protection: During processing, respiratory protection may not be necessary if ventilation is adequately provided. At excessive processing temperatures, breathing protein may be required.

Eye protection: Safety glasses with side-shields are recommended.

Advice on general occupational hygiene: n/a

Environmental exposure controls: n/a

09. Physical and chemical properties

Appearance: ABS sheet

Physical state: Solid

Color: n/a

Odor: n/a

Safety relevant basic data: n/a

Explosion hazard: n/a

Density: n/a

pH: n/a

Initial boiling point/range: n/a

Solubility: Insoluble

Flash point: 730°F-752°F (388°C-400°C)

Ignition temperature: 923°F-950°F (495°C-510°C)

Melting point: 180°F-225°F (82°C-107°C)

Conditions to avoid: n/a

Incompatible materials Reactive with strong oxidizing agents.

10. Stability and reactivity

Conditions to avoid: n/a

Incompatible materials: Reactive with strong oxidizing agents.

Hazardous decomposition products: Begins at approximately 500°F (260°C). Carbon dioxide, water, carbon monoxide, hydrocarbons, hydrogen cyanide, and possibly some original monomers (styrene and acrylonitrile) are released as fumes and vapors when processing the sheet at high temperature and exposure to flame.

11. Toxicological information

Information on toxicological effects: No specific information is available, but to ecological hazard is suspected.

Irritation: n/a

Sensitization: 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: Follow federal, state, and local regulations. Contact an authorized disposal service.

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

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

OSHA Classification: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA: Components of this product are listed on the TSCA inventory.

CERCLA: This material is not subject to special reporting under the requirements of the Comprehensive Environment Response, Compensation and Liability Act.

SARA Title III: Section 302 Extremely Hazardous Substances – none reported.
 Section 311/312 Hazard Categories – Immediate Health Hazard; Delayed Health Hazard
RCRA Status – Is it the responsibility of the product user to determine at the time of disposal of the material, if it should be classified as hazardous waste. (40 CFR 261.20.24).

State Regulations: No Proposition 65 chemicals present at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

16. Other information

Recommended application: n/a

Relevant R-, H-, and EUH-phrases: n/a

2014-07-25 msmith