



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

## Product SDS

Reference date: 06/6/2018 Revision date:  
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### 01. Identification of the substance/mixture and of the company

Product name: Elevator Mechanism Brush (Brush Handle) Formosa Plastics

Code number(s): EMB-002

Purpose of product: To clean around the forceps elevator area of duodenoscopes and other endoscopes with an elevator mechanism such as ultrasonic endoscopes.

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. May form combustible dust concentrations in air.

Pigment:

Adverse environmental and human health effects: Molten material may cause thermal burns. Spilled pellets present slip and fall hazard

### 03. Composition/information on ingredients

<u>Description of the mixture:</u>	<u>CAS #:</u>	<u>% by Weight</u>
Polypropylene	9003-07-0	>99%

Hazardous ingredients: N/A

General information: Product is a static accumulator. Ground and bond containers and receiving shipment. Keep away from sparks and open flame. Provide symptomatic and supportive care.

NFPA Ratings (scale 0-4): Health:0, Fire: 1, Reactivity: 0

Following inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult. Administer artificial respiration if breathing has stopped. Get medical assistance if irritation or other symptoms develop.

Following skin contact: After contact with molten product, cool rapidly with cold water. Do not pull solidified product away from the skin. Get medical attention.

Following eye contact: In case of accidental contact, immediately flush eyes with water. Hold eyelids open to ensure adequate flushing. Get medical assistance if irritation or other symptoms develop.

Following ingestion: Administer 1-2 glasses of water to dilute ingested material. Never give anything by mouth to an unconscious person. Get medical attention.

Notes for the doctor: N/A

#### 04. Firefighting measures

Suitable extinguishing media: CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: Product is supplied as pellets. Dust formed during processing or handling may form combustible dust concentrations in air.

Advice for firefighters: In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved self-contained breathing apparatus (SCBA) and full protective clothing.

#### 05. Accidental release measures

General information: Avoid dust formation. Wear appropriate personal protective equipment during all clean-up activities.

Environmental precautions: Keep spilled material out of sewage/drainage systems and waterways.

Additional information: Collect spilled material mechanically. Place waste in an appropriate container for disposal.

#### 06. Handling and storage

Precautions for safe handling: Avoid dust formation. Accumulations of dust should be removed from settling in areas. Follow good engineering and work practices, including routine housekeeping. Promptly clean up spills to avoid slip and fall hazard. Use only in well ventilated areas.

Fire Preventions: Dust can combine with air to form an explosive mixture. Take precautions against static discharge. Transfer and store in properly bonded and grounded containers. To determine required precautions, consult applicable standards such as NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (latest edition), and NFPA 499, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.

Technical measures and storage conditions: Store in closed, properly labeled containers. Protect containers for heat, physical damage, ignition sources and incompatible materials. Have emergency equipment for fires and spills readily available.

Specific End Uses: Resin extrusion and compounding, plastic molding, molded articles, films and coatings.

#### 07. Exposure controls/personal protection

Control parameters: Use occupational exposure limits for dust when controlling exposure to this product.

PEL (USA) Eight-Hour Value: 15, 5 mg/M<sup>3</sup>

As total dust; as respirable dust

TLV (USA) Eight-Hour Value: 10, 3mg/m<sup>3</sup>

As total dust; as respirable dust

Personal protective equipment: Protective work clothing

Hand protection: Wear gloves

Respiratory protection: None required under normal conditions for use

Eye protection: Safety glasses with side shields

Advice on general occupational hygiene: Wash thoroughly after handling. If unusual exposures are expected, an industrial hygiene review of work practices, engineering controls and personal protective equipment is recommended.

Environmental exposure controls: None required under normal conditions of use.

## **08. Physical and chemical properties**

Appearance: Solid

Physical state: N/A

Color: White

Odor: Odorless

Safety relevant basic data: N/A

Explosion hazard: Lower Explosive Limit: 425°C

Density: 0.9 g/cm<sup>3</sup> (7.51 lbs/gal)

pH: N/A

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

Solubility: Insoluble

Flash point: 422°C /791.6°F

Ignition temperature: 425°C /797°F

Melting point: 130 °C / 266°F

Conditions to avoid: N/A

Incompatible materials: N/A

## **09. Stability and reactivity**

Conditions to avoid: Stable up to melting point

Incompatible materials: No dangerous reactions known

Hazardous decomposition products: No dangerous decomposition products known

## **10. Toxicological information**

Information on toxicological effects: N/A

Irritation: Eye irritation: Mechanical eye irritation

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: 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

## 12. Disposal considerations

Product: Please refer to applicable local, state and federal regulations. Maximize product recovery for reuse or recycling.

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): Combustible dust. May form combustible dust concentrations in air.

## 15. Other information

Recommended application: Store in cool place. Do not store 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.