



healthmark
INDUSTRIES CO.
health care products

800-521-6224
www.hmark.com

Product SDS

Reference date: 4/1/04 Revision date:
01/22/2020

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

Product name: Cleaning brushes, tube brushes (TYNEX ® nylon filaments)

Code number(s): 24-1-010, 24-1-015, 24-1-030, 24-1-035, 24-1-040, 24-1-041, 24-1-050, 24-1-055, 24-1-060, 3770, 4041, 4042, 52003-21, 52003-21/S, 52003-23, 52003-25, 52003-27, 52003-35, TR03020, TR150221, TR150483, TR160617, TR350109, TR350232, TR350233, TR350233-TBS, TR350354, TR350429, TR360231

Purpose of product: Used to clean cannulated instruments. All brushes are made of nylon bristles imbedded in twisted stainless-steel wire.

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 mixtureTYNEX ® nylon filaments

Adverse environmental and human health effects: N/A

03. Composition/information on ingredients

Description of the mixture: Polyhexamethylene dodecamide (polyamide 612) CAS #26098-55-5 with small amounts of colorants, lubricants, stabilizers, and/or additives

Hazardous ingredients: N/A

04. First aid measures

General information: N/A

Following inhalation: Move to fresh air in case of accidental inhalation of fumes from molten polymer. Consult a physician after significant exposure to fumes.

Following skin contact: Wash off immediately with soap and plenty of water, cool skin rapidly with cold water. Do not peel polymer from skin. Obtain medical attention.

Following eye contact: Rinse with water.

Following ingestion: Not a probable route of exposure.

Notes for the doctor: N/A

05. Firefighting measures

Suitable extinguishing media: Water, carbon dioxide, foam, dry powder

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: N/A

Advice for firefighters: N/A

06. Accidental release measures

General information: N/A

Environmental precautions: N/A

Additional information: N/A

07. Handling and storage

Precautions for safe handling: N/A

Fire Preventions: N/A

Technical measures and storage conditions: No specific technical precautions are required under normal storage, handling, and processing conditions.

08. Exposure controls/personal protection

Control parameters: Provide appropriate exhaust ventilation, mainly in areas where fumes from molten polymer or dust may occur.

Dust	Control parameter	Reference
Nuisance dust	15 mg/m ³	US OSHA Regulations
Respirable dust	8 hr TWA = 5 mg/m ³	US OSHA Regulations

Personal protective equipment: See below.

Hand protection: N/A

Respiratory protection: The use of an appropriate respirator is recommended should dust excess above limits.

Eye protection: Safety glasses are recommended

Advice on general occupational hygiene: Use good work practices. Wash hands after use. Do not breathe dusts or molten polymer vapors.

Environmental exposure controls: N/A

09. Physical and chemical properties

Appearance: Monofilaments

Physical state: Solid

Color: Varierty

Odor: 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: Insoluble in water

Flash point: 400°C (752°F)

Ignition temperature: °C /°F N/A

Melting point: 208-215°C (406-419 °F)

Conditions to avoid: Temperatures above 340°C (644°F)

Incompatible materials: Strong acids, bases, and oxidizing agents

10. Stability and reactivity

Conditions to avoid: Temperatures above 340°C (644°F)

Incompatible materials: Strong acids, bases, and oxidizing agents

Hazardous decomposition products: Carbon monoxide, ammonia, 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: N/A

Bio accumulative potential: N/A

Results of PBT and vPvB assessment: N/A

Other adverse effects: Na

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

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.